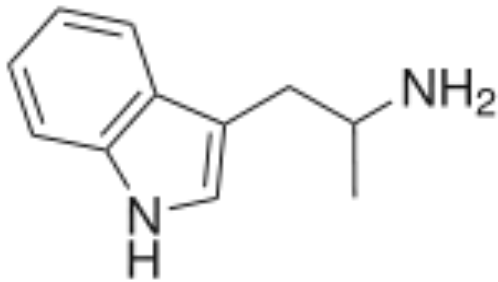


	Substance briefing: AMT
	<p>This technical folder provides information on AMT. The information provided is based on a number of existing data sources and work undertaken as part of the I-TREND project. Research informing the folder includes an analysis of user discussions on popular Czech drug forums, an analysis of marketing on popular Czech republic: e.g. English speaking web shops selling the substance, and scientific laboratory analysis of the compound through test purchasing of the substance from Czech web shops.</p>
1	Substance name(s)
1.1	Chemical name: α -Methyltryptamine
1.2	Popular/street/slangname(s): AMT, α MT, no slang names identified by WS1 IT-290, 3-IT, α -MT
1.3	Other name(s): 2-(1H-indol-3-yl)-1-methyl-ethylamine
1.4	Branded products in which the substance was found following analysis:
1.5	Branded products advertised as containing the substance on web shops: Czech web shop analysis found no web shop advertised branded products as containing <i>AMT</i> substance.
1.6	Branded products discussed as containing the substance on drug forums: No branded products were discussed as containing AMT.
2.	Classification and effect

2.1	<p>Classification and effect confirmed through substance analysis</p> <ul style="list-style-type: none"> • Tryptamines (f. e. Indolalkylamines)
2.2	<p>Classification and effect referred to by users of drug forums</p> <ul style="list-style-type: none"> • Tryptamines
2.3	<p>Classification and effect used in the marketing of the product on web shops</p> <p>The <i>AMT</i> was classified as a research chemical according to an analysis of Czech web shops. The web shops' analysis found one web shops selling <i>AMT</i> under a 'stimulant' category. In addition one web shop classified <i>AMT</i> <i>more specifically as a substance of Tryptamine class</i></p> <p>Direct Information about effects was provided by one web shop. The shop described <i>AMT</i> as a substance which may cause effects as 'euphoria, heightened empathy towards others, and psychedelic awareness'.</p> <p>One web shop used indirect information about effects. The web shop described <i>AMT</i> as a substance 'similar to the hallucinogenic DMT'.</p> <p>NB: See reference list for sources related to classification (e.g. pharmacological studies, case studies, etc...)</p>
3	<p>Potential risks associated with use of the substance</p>
3.1	<p>General risks associated with the substance: psychedelic amphetamine-tryptamine = effects psychedelic+empathogenesis+physical stimulation; risk of vomiting; other health risks in overdose - increased effects; risky combination with inhibitors of MAO; increased risks in people with cardiovascular diseases</p>
3.2	<p>Users point of view on the substance and risk perception</p> <p><i>AMT was discussed as a potent substance that should be taken with caution. Combination with MDMA was considered as potentially dangerous by users. Body load and long effects were considered as potentially risky and users warned others to use AMT with caution and appropriate dose.</i></p>
4	<p>Legal status and identification of the substance</p>
4.1	<p>Legal status/acts/laws in Czech republic: AMT is not controlled.</p>
4.2	<p>List of first identification and reporting to the EMCDDA by a national Reitox Focal Points</p>

	Country	Dates	
	Not reported		
5	Photographs of the substance		
5.1	Photograph of the substance purchased for laboratory analysis: There is no photograph due to the fact AMT substance order was never received		
5.2	Photo/Printscreen of the product from the webshop:		
6	Chemistry		
6.1	Chemical Abstracts Service (CAS) registry number: 299-26-3		
6.2	Chemical information: AMT is a psychedelic amphetamine-tryptamine first developed in the 1960's for anti-depressant research, although it was never very successful as a prescription antidepressant.		
6.2	Structure (picture of structural formula) 		
6.3	Molecular mass 174.24 g/mol		
6.4	Structural comparison with a related substance Indolalkylamines (f.e. tryptamines) = psychedelic amphetamine-tryptamine		
6.5	(Insert pictures of developed formula of this original substance)		
7	Analytical composition: results of substance analysis carried out from the sample purchased online.		
7.1	Details of laboratory analysis technique used: Mean (%) = (sd.= .) (N sample analysed)		

	Webshop	Country (IP address)	Country (package origin)	Form	Substance named on package/webshop	Confirmed substances										
	1				benzofury	6 APB										
	1				Mephedrone	Mephedrone										
	2															
	2															
7.2	Details of laboratory analysis technique used:															
7.3	<p>Substance marketing details</p> <table border="1"> <thead> <tr> <th>Powder</th> <th>Euros</th> </tr> </thead> <tbody> <tr> <td>minimum price per gram</td> <td>€20</td> </tr> <tr> <td>maximum price per gram</td> <td>€30</td> </tr> <tr> <td>mode price per gram</td> <td>-</td> </tr> <tr> <td>mean price per gram</td> <td>€25</td> </tr> </tbody> </table> <p>The price marketing for <i>AMT</i> substance was provided by one web shop. The discount on offer was applicable only for some sizes of <i>AMT</i>.</p>						Powder	Euros	minimum price per gram	€20	maximum price per gram	€30	mode price per gram	-	mean price per gram	€25
Powder	Euros															
minimum price per gram	€20															
maximum price per gram	€30															
mode price per gram	-															
mean price per gram	€25															
8	Price and marketing strategies on Czech web shops selling the substance															
8.1																
8.2	<p>Description of availability and marketing strategies on Czech web shops selling the substance:</p> <p>The <i>AMT</i> was available to purchase (28.5.2015) in 2 web shops of 2 web shops where substance was found¹.</p> <p>Czech web shop marketing analysis indicated one shop which offered discount for orders. The shop offered two discounts. First discount was for new</p>															

¹ The total number of web shops selling new synthetic drugs for CZ (16.3.2015) was 33. (For detail information about methodology of monitoring and selecting the web shops see methodology on <http://www.i-trend.eu/>).

For the marketing analysis we chose 15% of the most popular web shops from CZ list of shops. The shops without prices for products and shops which provide just bulk/wholesale order were removed from our selection. In addition another 6 web shops, previously chosen for the purchase of substances, were added to the marketing analysis. The final number of web shops used for analysis was 11. For latter analysis, we use only shops where product was available.

	<p>customers only. The average level of first discount was 25%. Second discount was for all customers and all orders. The average level of first discount was 20%..</p> <p>Free gift was not promoted by any web shop.</p> <p>Free shipping was offering on one web shop. The shop offered free shipping for orders over £100. The guarantee of “free reship” for orders was provided by one web shop. The same day dispatch was supported by one web shop.</p> <p>Information about ‘new’ products was mentioned on two web shops.</p> <p>Loyalty program or Reward Point program for customers was not available on any web shop.</p> <p>Customer reviews was supported on two web shops.</p>								
8.3	<p>Type of Czech republic websites selling the product</p> <table border="1"> <thead> <tr> <th></th> <th>No of shops (28.5.2015)</th> </tr> </thead> <tbody> <tr> <td>RC shops</td> <td>2</td> </tr> <tr> <td>Commercial shops</td> <td>0</td> </tr> <tr> <td>Other</td> <td>0</td> </tr> </tbody> </table>		No of shops (28.5.2015)	RC shops	2	Commercial shops	0	Other	0
	No of shops (28.5.2015)								
RC shops	2								
Commercial shops	0								
Other	0								
8.4	<p>Number of webshops available for Czech republic with supposed country of origin in the EU selling the products</p> <table border="1"> <thead> <tr> <th></th> <th>No of web shops</th> </tr> </thead> <tbody> <tr> <td>CZ address or phone number on web sites</td> <td>0</td> </tr> <tr> <td>Web shops with CZ IP code</td> <td>0</td> </tr> <tr> <td>Web shops <i>with supposed country of origin in the EU</i>²</td> <td>2</td> </tr> </tbody> </table>		No of web shops	CZ address or phone number on web sites	0	Web shops with CZ IP code	0	Web shops <i>with supposed country of origin in the EU</i> ²	2
	No of web shops								
CZ address or phone number on web sites	0								
Web shops with CZ IP code	0								
Web shops <i>with supposed country of origin in the EU</i> ²	2								
9	Law enforcement and health data								
9.1	Number of law enforcement seizures in Czech republic 2013/2014 were none each year								
9.2	EMCDDA health alerts in Czech republic was in three cases – first one on June								

² Including web shops with CZ address or phone number on web sites

	2011, second on September 2012 and third June 2013
9.2	Confirmed deaths and acute cases reported in Czech Republic was not any
10	<p><u>User experiences of the substance: results from an analysis of discussions of Czech Drug Forums</u></p> <p>Methodological comment: The information below is based on an analysis of 2 drug forums, 26 forum posts and 9 forum users.</p>
10.1	<p>Dosage specified by drug forum users (n = number of quotations)</p> <ul style="list-style-type: none"> • <i>Initial Dosing: One user describes initial dose as 20mgs, used by two people that tried this substance for the first time, effects were felt as pretty strong (n=1)</i> • <i>Boosting: Boosting was not described by forum users (n= 0)</i> • <i>Threshold: 5mg used by one forum user caused very mild effects but these effects could be still described as different from those on higher doses, the user felt sedated in contrary to what he have read about the substance (stimulating effects (n= 1)</i> • <i>Light: Light dose was not described by forum users (n=1)</i> • <i>Common: As common dose 40-50 mgs was discussed, this amount of substance provided strong effects with long durations (n= 3)</i> • <i>Strong: Doses higher than 50mgs were not described on the forums, doses of 40-50mgs provided quite strong effects according to the forum users (n=2)</i>
10.2	<p>Duration</p> <ul style="list-style-type: none"> • <i>Onset: Onset of effects after use was not properly described. First effects were described as nausea and pain of the abdomen, “quite a heavy bodyload” (n=0)</i> • <i>Coming up: After bodyload effects disappear substance starts to provide full psychoactive effects, that occurs approx. 2 hours after use (more empathic and euphoric feelings) after other 2 hours more psychedelic and hallucinating effects developed. (n =1)</i> • <i>Plateau: There was no discussion on plateau duration, but effects are described as very long, some user say “whole night”, some are more time specific – 15 hours. (n =3)</i> • <i>Coming down: After 12-15 hours coming down can be described, some users tried to fall asleep, but had difficulties to do so(n =3)</i> • <i>After effects: Inability to fall asleep, still present mydriasis (n =2)</i> • <i>Hangover/Day after : Tiredness from a short sleep, still present mydriasis and still present appreciation of music(n =0)</i>

<p>10.3</p>	<p>Effects reported by forum users (n = 8)</p> <p><i>Physical effects</i></p> <ul style="list-style-type: none"> ○ <i>Mydriasis</i> ○ <i>“Light body” feeling</i> ○ <i>Stimulation</i> ○ <i>Jaw clenching</i> ○ <i>Urge to drink and smoke</i> ○ <i>Sedation at 5mg dose</i> ○ <i>Initial bodyload contains: Nausea, pain of stomach, pain of abdomen, vomiting, diarrhoea</i> ○ <i>Physical tiredness at the end of the trip after several hours of stimulations</i> ○ <i>Problems with breathing</i> <p><i>Psychological effects</i></p> <ul style="list-style-type: none"> ○ <i>Euphoria</i> ○ <i>Empathy</i> ○ <i>Talkativeness</i> ○ <i>Hallucinations like on LSD, “light visuals”</i> ○ <i>Appreciation of music</i> ○ <i>Insomnia</i> <p><i>Sought/expected</i></p> <ul style="list-style-type: none"> ○ <i>Stimulation, talkativeness</i> <p><i>Desired</i></p> <ul style="list-style-type: none"> ○ <i>Euphoria</i> ○ <i>Hallucinations</i> <p><i>Undesired</i></p> <ul style="list-style-type: none"> ○ <i>Bodyload, insomnia, long effects</i>
<p>10.4</p>	<p>Tolerance</p> <p><i>Tolerance was not discussed in Czech drug forums.</i></p>
	<p>Route of administration (n =2)</p> <ul style="list-style-type: none"> ● <i>Ingestion: Two users describe ingestion of substance. One uses it sublingually (dissolving of a pill under the tongue approx. for 30 minutes. (n =2)</i> ● <i>Snorting: One user describes snorting of this substance (n =1)</i> ● <i>Rectal: One user prefers use of AMT rectally in gel capsule to eliminate all bodyload effects (n =1)</i> ● <i>Inhalation or insufflation: This ROA of AMT was not mentioned in Czech drug forums (n =0)</i>
<p>10.6</p>	<p>Others substances referred to in discussion about (insert drug name)</p> <ul style="list-style-type: none"> ● <i>Referred to in comparing the effects : AMT effects compared to LSD, especially its hallucinating effects (n=3), stimulation effects compared to</i>

	<p><i>Maté or Guarana (n=1), euphoric effects compared to MDMA (n=1), compared to combination of 2C-E and Salvia d. (n=1),</i></p> <ul style="list-style-type: none"> • <i>Referred to as increasing the effects: Cannabis increased the hallucinating effect and caused “visual” LSD like hallucinations (n =1)</i> • <i>Referred to in managing come down: Magnesium to prevent breathing problems(n=1)</i> • <i>Other substance discussed in the same episode/combo: Alcohol (n=3); combo with 25I-Nbome was described as pleasant (n=1)</i> • <i>Referred to as an agonist/ antagonist : Not mentioned on Czech drug forums (n =0)</i>
10.7	<p>Appearance and preparation (n =2)</p> <ul style="list-style-type: none"> • <i>AMT was described as powder of bitter taste. Used in gel capsules for rectal use or dissolved under tongue.</i>
10.8	<p>Patterns of use/Frequency of use</p> <ul style="list-style-type: none"> • <i>Reports did not give evidence about frequency of use (n=0)</i>
10.9	<p>Context of consumption</p> <ul style="list-style-type: none"> • <i>used alone at home(n=2), with girlfriend at home (n=1)</i> • <i>Used in party setting (n=3)</i>
10.10	<p>User's views and experiences on the online market</p> <p><i>Forum members described effects of AMT, substance was available on Czech online shops then it was ordered from foreign shops.</i></p>
10.11	<p>Harm reduction Message</p> <p><i>Warnings about bodyload effects and long lasting effects were given by several users (n=4), one user recommends rectal use to prevent bodyload (n=1). The drug is not recommended to “weaker individuals” (n=2).</i></p>
10.12	<p>User profile</p> <p><i>Forum users discussing AMT effects, users were enjoying the effects of AMT event though they admit that some users might not enjoy the hallucinations and long lasting effects. Even though this substance was associated with unpleasant bodyload, the users still appreciated its “unique” effects. Some reports differed (euphoric and pleasant substance vs. stimulating unpleasant experience) probably due to different tolerance and expectations from the substance.</i></p>
11	<p>Useful resources and literature</p> <ul style="list-style-type: none"> ▪ http://en.wikipedia.org/wiki/Alpha-Methyltryptamine

