

I-TREND Substance briefing: 5-MeO-DALT

This technical folder provides information on 5-MeO-DALT. The information provided is based on a number of existing data discussions and work undertaken as part of the I-TREND project. Research informing the folder includes an analysis of user discussions on popular Dutch drug forums, an analysis of marketing on popular Dutch speaking web shops selling the substance, and scientific laboratory analysis of the compound through test purchasing of the substance from Dutch web shops.

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1 Substance name(s)

1.1 Chemical name

N-allyl-*N*-[2-(5-methoxy-1H-indol-3-yl)ethyl]prop-2-en-1-amine or *N,N*-diallyl-5-methoxytryptamine

1.2 Other names (e.g. popular/street/slang name(s))

The EMCDDA's EDND (2014) also refers to this substance as *N,N*-diallyl-5-methoxytryptamine

Dutch forum activity suggests users also referred to 5-MeO-DALT.

Compound sold as 5-MeO-DALT in Dutch based web shops.

1.3 Branded products:

Dutch drug forum analysis found that users purchased a number of brands which contained 5-MeO-DALT.

2 Classification and effect

2.1 EMCDDA substance group classification

Tryptamines

2.2 Substance analysis results

No 5-MeO-DALT samples have been handed in for the analysis of the compound through our regular testing system at DIMS during 2013 and 2014.

2.3 Dutch drug forum monitoring

Dutch drug forum monitoring suggests that from 2013 onwards, 175 forum posts in 4 selected fora covered this substance.

2.4 Dutch web shops marketing

The Dutch web shops analysed within the I-TREND project advertised 5-MeO-DALT as 5-MeO-DALT.

3 Legal status and identification of the substance

3.1 Legal status/acts/laws in the Netherlands

Presently 5-MeO-DALT is not under any law. 5-MeO-DALT was under the Medicine Act, but it was decided by the High Court that NPS can no longer be addressed under this law, hence 5-MeO-DALT is presently free to use, sell or manufacture in the Netherlands.

3.2 EMCDDA Notifications of 5-MeO-DALT

5-MeO-DALT was first reported at the European level by Finnish authorities and notified by the EMCDDA in 2007

5-MeO-DALT was first reported by the Dutch National Focal Point in 2012

5-MeO-DALT has been reported to the EMCDDA by the following European countries:

Country	Dates
Finland	1-2-2007
UK	20-12-2010
Germany	3-5-2011
Bulgaria	15-7-2011
Sweden	7-7-2011
Belgium	1-8-2011
Hungary	5-12-2012
Norway	24-1-2013
France	12-3-2013

4 Photographs of the substance

4.1 Images used in the marketing of the product on the web shops the compound was purchased



5 Chemistry

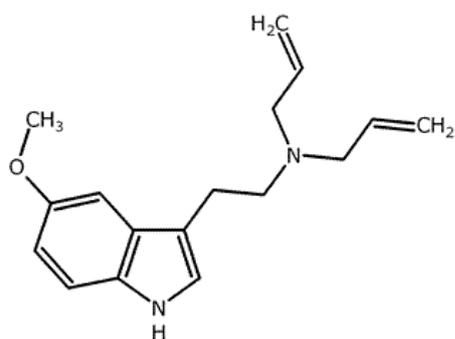
5.1 Chemical Abstracts Service (CAS) registry number

928822-98-4

5.2 Chemical information: other chemical names or variants

It is a white or yellow powder.

5.3 Structure (picture of structural formula)



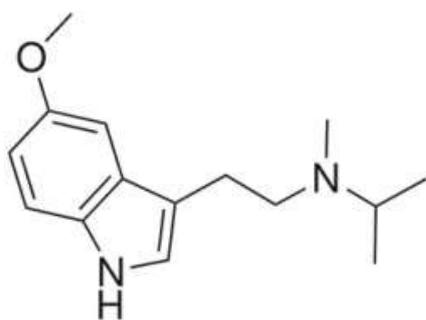
5.4 Molecular formula

C₁₇H₂₂N₂O

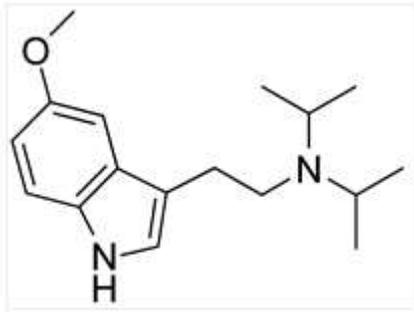
5.5 Molecular Weight

270.375 g/mol

5.6 Structural comparison with a related substance:



5-MeO-MIPT



5-MeO-DIPT

6 Analytical composition: results of substance analysis carried out on samples purchased online

No 5-MeO-DALT was analysed by the laboratory during 2013/2014.

7 Price and marketing strategies on Dutch web shops selling 5-MeO-DALT:

Among the web shops census during the I-TREND project for the Netherlands, none of them offered 5-MeO-DALT.

8 Law enforcement and health data

8.1 Number of law enforcement seizures in the Netherlands in 2013/2014

No seizures were reported in 2013 and 2014.

8.2 EMCDDA health alerts in the Netherlands

There have been no EMCDDA Alerts for 5-MeO-DALT in the Netherlands.

8.3 Confirmed deaths and acute cases reported in the Netherlands

Only one case has been reported to the EMCDDA regarding a fatality in Scotland, which involved a mixture of substances, AMT/5-IT, ketamine and 5-MeO-DALT.

In the Netherlands, no institution has reported any casualties involving 5-MeO-DALT in 2013 or 2014.

9 User experiences of the substance: results from an analysis of discussions in 4 NL Drug Forums

The information below is based on the analysis of 4 NL drug forums containing 175 posts on 5-MeO-DALT since January 2013 in 4 selected fora.

9.1 Dosage specified by drug forum users

(6 Sources, 8 references)

There is little information available from the fora. When inhaled (foil/ pipe) small doses (e.g. 5mg) may have strong and short effects. When snorted or ingested, doses around 25 mg are reported to have common effect and doses around 50 mg or more may have strong effects.

9.1.1 Initial Dosing

(3 sources, 4 references) 50 mg (nasal), 1 tablet 40-45 mg (est)

9.1.2 Boosting

(1 source, 1 reference) no additional information found

9.1.3 Threshold

(0 sources, 0 references)

9.1.4 Light

(3 sources, 4 references) 12-25 mg considered a light dose

9.1.5 Common

(5 sources, 5 references) Inhalation: very small dosesnasal: 50 mg? Swallowing: 50 mg?

9.1.6 Strong

(1 source, 1 reference) if smoked on pipe, a very small dose gives very strong effect (e.g. 5 mg) for 5-10 min)

9.2 Duration of 5-MeO-DALT reported by forum users

(4 sources, 4 references) very short duration (2-4 hrs), less than 5 hours

9.2.1 Onset

(1 source, 1 reference) inhaling: quick onset, coming up and plateau: seconds- minutes after intake at low doses. At higher doses effects last longer about 45 min.

9.2.2 Coming up

(2 sources, 2 references)

9.2.3 Plateau

(3 sources, 3 references)

9.2.4 Coming down

(3 sources, 3 references)

9.2.5 After effects

(1 source, 1 reference)

9.2.6 Hangover/Day after

(1 source, 1 reference)

No additional information found

9.3 Effects of 5-MeO-DALT reported by forum users

(5 sources, 10 references)

Stimulates appetite .

When smoked on pipe: deep trip-like effects, dissociative uneasy, nervous feeling, none visuals colours but become more bright.

When enrolled in tobacco, quick effect but not very interesting.

When snorted or smoked on foil bad taste: uneasy, nervous feeling.

Not very interesting effects (mild) Strong, uncomfortable body load if swallowed; snorting is painful and nose drip.

9.4 Tolerance

There is no mentioning of tolerance by forum members.

9.5 Route of administration (ROA)

(5 sources, 8 references) 5-MeO-Dalt can be ingested by swallowing, is available in tablets and capsules and thus can be swallowed and is around in powder form and can be snorted and can also be inhaled by method of chasing the dragon or if put in a pipe., or on a tin can. Vaporizing is also possible. Finally, 5-MeO-DALT can be enrolled in tobacco (quick effect but not very interesting).

9.6 Other substances referred to when discussing 5-MeO-DALT

(2 sources, 5 references) If smoked in pipe, effects are similar to 5-meo-dmt and to basecok (‘psychedelic crack’); 5-meo-dmt is more visual than 5-meo-dalt. 5- meo–mipt is stronger in effects.

9.7 Appearance and preparation

(4 sources, 4 references) 5-MeO-DALT is available in pellets (40 mg) and also in powder that can be smoked, a white very fluffy structure.

9.8 Patterns/Frequency of use

Because of its trippy effects, 5-MeO-DaLT is not a drug that is taken on a daily basis.
No additional information found.

9.9 Context of consumption use

No additional information found.

9.10 User's views and experiences on the online market use

No additional information found.

9.11 Advice provided by online peers

No additional information found.