

## Emerging Designer Drug Monograph

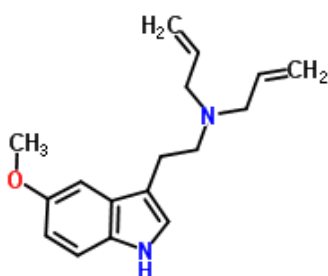
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**Drug Name:** 5-MeO-DALT

**Synonyms:** 5-methoxy-N,N-di-2-propen-1-yl-1H-indole-3-ethanamine, N-Allyl-N-[2-(5-methoxy-1H-indol-3-yl)ethyl]prop-2-en-1-amine

**Structure:**



**Formula:** C<sub>17</sub>H<sub>22</sub>N<sub>2</sub>O

**Molecular Weight:** 270.4 g/mol

**Pharmacological Drug Class:** 5-MeO-DALT is a hallucinogenic tryptamine (1).

**Metabolism:** Very little literature exists for this drug (1). Metabolites have not been described.

**Blood Concentrations:** One case study exists of 5-MeO-DALT that involved an adult male with a post mortem blood level of 22mg/dL. The autopsy revealed that he died from being hit by a motor vehicle and not an overdose of the drug (1).

**Effects and Toxicity:** Users of 5-MeO-DALT have reported rapid, euphoric, sensual, energised bodies, visual hallucinations and loss of control of limbs making walking difficult. Symptoms take effect at 15 to 30 minutes and last for 2 to 4 hours, with visual effects lasting longer. This drug has been seen in the form of gray pills and white/beige powder (1).

**Analysis:** 5-MeO-DALT chromatographs well without derivitization with GC-MS and LC-MS. However, it may be difficult to distinguish between this drug and other synthetic tryptamines such as 5-MeO-DIPT (1). The parameters for analysis are outlined at the SWGDRUG link below.

**References:**

1. Corkery, J. M., Durkin, E., Elliott, S., Schifano, F., Ghodse, A. H. (2012) The recreational tryptamine 5-MeO-DALT (N,N-diallyl-5-methoxytryptamine): A brief review. *Progress in Neuro-Psychopharmacology & Biological Psychiatry*, 39, 259 – 262.

SWGDRUG Monograph

<http://www.swgdrug.org/Monographs/5-MeO-DALT.pdf>

ChemSpider

<http://www.chemspider.com/Chemical-Structure.21106245.html?rid=e93be910-78d8-4bce-9598-95c1a40eeaf7>