5-methoxy DALT
Item No. 10729

CAS Registry No.: 928822-98-4
Formal Name: 5-methoxy-N,N-di-2-propen-1-yl-1H-indole-3-ethanamine
Synonym: N,N-Diallyl-5-Methoxytryptamine
MF: C_{17}H_{22}N_{2}O
FW: 270.4
Purity: ≥95%
Stability: ≥2 years at -20°C
Supplied as: A crystalline solid
UV/Vis.: \( \lambda_{\text{max}} \) 224, 279 nm

Laboratory Procedures
For long term storage, we suggest that 5-methoxy DALT be stored as supplied at -20°C. It should be stable for at least two years.

5-methoxy DALT is supplied as a crystalline solid. A stock solution may be made by dissolving the 5-methoxy DALT in the solvent of choice. 5-methoxy DALT is soluble in organic solvents such as ethanol, DMSO, and dimethyl formamide (DMF), which should be purged with an inert gas. The solubility of 5-methoxy DALT in ethanol is approximately 1.5 mg/ml and is approximately 15 mg/ml in DMSO and DMF.

5-methoxy DALT is sparingly soluble in aqueous buffers. For maximum solubility in aqueous buffers, 5-methoxy DALT should first be dissolved in DMF and then diluted with the aqueous buffer of choice. 5-methoxy DALT has a solubility of approximately 0.15 mg/ml in a 1:5 solution of DMF:PBS (pH 7.2) using this method. We do not recommend storing the aqueous solution for more than one day.

5-methoxy DALT is a tryptamine derivative recently used as a component in 'bath salts' that act directly on monoamine receptors (similar to 3,4-methylenedioxymethamphetamine) to produce its psychoactive effects. The physiological, neurological, and toxicological actions of 5-methoxy DALT have not been fully characterized. This compound is intended as an analytical standard for the forensic analysis of samples that may contain this compound.

Reference

Related Products
For a list of related products please visit: www.caymanchem.com/catalog/10729

WARNING: THIS PRODUCT IS FOR LABORATORY RESEARCH ONLY; NOT FOR ADMINISTRATION TO HUMANS. NOT FOR HUMAN OR VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

SAFETY DATA
This material should be considered hazardous until information to the contrary becomes available. Do not ingest, swallow, or inhale. Do not get in eyes, on skin, or on clothing. Wash thoroughly after handling. This information contains some, but not all, of the information required for the safe and proper use of this material. Before use, the user must review the complete Safety Data Sheet, which has been sent to our email to your institution.

WARRANTY AND LIMITATION OF REMEDY
Cayman Chemical Company makes no warranty or guarantee of any kind, whether written or oral, expressed or implied, including without limitation, any warranty of fitness for a particular purpose, suitability and merchantability, which extends beyond the description of the chemicals herein. Cayman warrants only to the original customer that the material will meet our specifications at the time of delivery.
Cayman will carry out its delivery obligations with due care and skill. Thus, in no event will Cayman have any obligation or liability, whether in tort (including negligence) or in contract, for any direct, indirect, incidental or consequential damages, even if Cayman is informed about their possible existence.

The limitation of liability does not apply in the case of intentional acts or negligence of Cayman, its directors or its employees.

Bayer’s exclusive remedy and Cayman’s sole liability hereunder shall be limited to a refund of the purchase price, or at Cayman’s option, the replacement, at no cost to Buyer, of all material that does not meet our specifications.

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