

Product Datasheet

Fabomotizole hydrochloride (orb1303168)

Catalog Number	orb1303168
Category	Small Molecules
Description	Fabomotizole hydrochloride (CM346 hydrochloride) is an anxiolytic and neuroprotective small molecule with a multifaceted, though not fully elucidated, mechanism. Proposed actions include reversible MAO-A inhibition, sigma receptor agonism, and modulation of GABAergic, melatonin, and neurotrophic systems. It is utilized in preclinical research for investigating anxiety, neuroprotection, and related pathways in both in vitro and in vivo models.
Target	Others,Parasite,MAO
Purity	99.54% (May vary between batches)
MW	343.87
Target Areas	MAO Others Parasite
Solubility (25°C)	DMSO:50 mg/mL (145.4 mM)
CAS Number	173352-39-1
Formula	C ₁₅ H ₂₂ ClN ₃ O ₂ S
SMILES	Cl.CCOc1ccc2nc(SCCN3CCOCC3)[nH]c2c1
Storage	-20°C
Note	For research use only
Expiration Date	12 months from date of receipt.

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