

Product Datasheet

Melitracen hydrochloride (orb1302999)

Catalog Number	orb1302999
Category	Small Molecules
Description	Melitracen hydrochloride, also known as Thymeol hydrochloride, is a tricyclic antidepressant with research utility as a potential dopamine D1/D2 receptor antagonist. It is employed in neuroscience and pharmacology studies, including in vitro receptor binding assays and in vivo models for investigating depressive disorders.
Target	5-HT Receptor,Dopamine Receptor
Purity	99.99% (May vary between batches)
MW	327.90
Target Areas	5-HT Receptor Dopamine Receptor
Solubility (25°C)	DMSO:50 mg/mL (152.49 mM);10% DMSO+40% PEG300+5% Tween 80+45% Saline:2 mg/mL (6.1 mM);H2O:198.2 mM
CAS Number	10563-70-9
Formula	C ₂₁ H ₂₆ ClN
SMILES	Cl.CN(C)CC\C=C1\c2ccccc2C(C)(C)c2ccccc12
Storage	Powder: -20°C for 3 years In solvent: -80°C for 1 year Shipping with blue ice/Shipping at ambient temperature.
Note	For research use only
Expiration Date	12 months from date of receipt.

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