

Product Datasheet

Amitifadine hydrochloride (orb1705330)

Catalog Number	orb1705330
Category	Small Molecules
Description	Amitifadine hydrochloride (EB-1010 hydrochloride) is a small molecule triple reuptake inhibitor (SNDR) that blocks the transporters for serotonin, norepinephrine, and dopamine. It is used in preclinical research to investigate the mechanisms and potential therapeutic applications of multi-target antidepressants in both in vitro and in vivo models.
Target	5-HT Receptor,Serotonin Transporter,Dopamine Receptor,Norepinephrine
MW	264.58
Target Areas	Serotonin Transporter Dopamine Receptor 5-HT Receptor Norepinephrine
Solubility (25°C)	10% DMSO+40% PEG300+5% Tween 80+45% Saline:2 mg/mL (7.56 mM);DMSO:10 mM
CAS Number	410074-74-7
Formula	C ₁₁ H ₁₂ Cl ₃ N
SMILES	Cl.Clc1ccc(cc1Cl)[C@@]12C[C@@H]1CNC2
Storage	-20°C
Note	For research use only
Expiration Date	12 months from date of receipt.

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