

Product Datasheet

Amitifadine hydrochloride (orb1705330)

Catalog Number	orb1705330
Category	Small Molecules
Description	Amitifadine hydrochloride (EB-1010 hydrochloride) is a small molecule triple reuptake inhibitor (SNDR1) 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	Norepinephrine,5-HT Receptor,Serotonin Transporter,Dopamine Receptor
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	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.

Biorbyt Ltd.

7 Signet Court, Swann Road
Cambridge
CB5 8LA
United Kingdom

Email: info@biorbyt.com, support@biorbyt.com
Phone: [+44 \(0\)1223 859353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

Biorbyt LLC

68 TW Alexander Drive
Research Triangle Park
Durham
NC 27713
United States

Email: info@biorbyt.com, support@biorbyt.com
Phone: [+1 \(415\) 906-5211](tel:+1(415)906-5211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)