

Product Datasheet

Brexpiprazole HCl (orb1298710)

Catalog Number	orb1298710
Category	Small Molecules
Description	Brexpiprazole hydrochloride, also known as OPC-34712 dihydrochloride, is a novel atypical antipsychotic compound used in research. It is applied in preclinical studies for investigating schizophrenia and depression, utilizing both in vitro receptor binding assays and in vivo behavioral models.
Target	5-HT Receptor,Adrenergic Receptor,Dopamine Receptor,Others
Purity	≥98%
MW	433.6
Target Areas	Adrenergic Receptor Others 5-HT Receptor Dopamine Receptor
Solubility (25°C)	DMSO:27.5 mg/mL (63.42 mM)
CAS Number	913612-38-1
Formula	C ₂₅ H ₂₇ N ₃ O ₂ S.xHCl
SMILES	Cl.O=c1ccc2ccc(OCCCCN3CCN(CC3)c3cccc4sccc34)cc2[nH]1
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)