

Product Datasheet

Brexpiprazole-d8 (orb1992928)

Catalog Number	orb1992928
Category	Small Molecules
Description	Brexpiprazole D8 is a deuterated analog of the antipsychotic brexpiprazole, serving as an internal standard for mass spectrometry. It is used in quantitative bioanalysis for in vitro and in vivo studies of brexpiprazole's pharmacokinetics and metabolism in neuropsychiatric research.
Target	Dopamine Receptor, Adrenergic Receptor, 5-HT Receptor
MW	441.62
CAS Number	1427049-21-5
Formula	C ₂₅ H ₂₇ N ₃ O ₂ S
SMILES	<chem>C(CCCOC=1C=C2C(=CC1)C=CC(=O)N2)N3C(C(N(C4=C5C(SC=C5)=CC=C4)C(C3([2H])([2H])([2H])([2H])([2H])([2H])([2H])([2H])([2H])([2H])</chem>
Storage	-20°C
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)