

Product Datasheet

Masitinib mesylate (orb1298847)

Catalog Number	orb1298847
Category	Small Molecules
Description	Masitinib mesylate is an orally active, selective tyrosine kinase inhibitor targeting c-Kit, PDGFR α/β , and Lyn. It is widely used in preclinical research for investigating mast cell disorders, cancers, and inflammatory diseases, with applications in both in vitro and in vivo experimental models.
Target	Src,c-Kit,FAK,PDGFR,Apoptosis,FGFR
Purity	99.92%
MW	594.75
Target Areas	Apoptosis FAK Src c-Kit PDGFR FGFR
Solubility (25°C)	DMSO:50 mg/mL (84.07 mM)
CAS Number	1048007-93-7
Formula	C ₂₉ H ₃₄ N ₆ O ₄ S ₂
SMILES	<chem>CS(O)(=O)=O.CN1CCN(Cc2ccc(cc2)C(=O)Nc2ccc(C)c(Nc3nc(cs3)-c3cccnc3)c2)CC1</chem>
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)