

Hello Bio, Inc.
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DATASHEET

BLZ-945

Product overview

Name	BLZ-945
Cat No	HB4634
Purity	>95%
Description	Potent, selective colony stimulating factor 1 receptor (CSF-1R) inhibitor

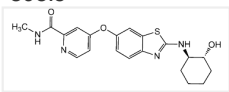
Biological Data

Biological description	Orally active, potent and selective colony stimulating factor 1 receptor (CSF-1R) inhibitor. More than 1000-fold selective against its closest receptor tyrosine kinase homologs c-KIT and platelet-derived growth factor receptor beta (PDGFRbeta). Selective against more than 200 additional kinases.
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Solubility & Handling

Storage instructions	+4 °C
Solubility overview	Soluble in DMSO
Important	This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.

Chemical Data

Chemical name	4-[[[2-[[[(1R,2R)-2-hydroxycyclohexyl]amino]-6-benzothiazolyl]oxy]-N-methyl-2-pyridinecarboxamide
Molecular Weight	398.5
Chemical structure	
Molecular Formula	C ₂₀ H ₂₂ N ₄ O ₃ S
CAS Number	953769-46-5
PubChem identifier	46184986
SMILES	CNC(=O)C1=NC=CC(=C1)OC2=CC3=C(C=C2)N=C(S3)N[C@@H]4CCCC[C@H]4O
InChi	InChI=1S/C20H22N4O3S/c1-21-19(26)16-10-13(8-9-22-16)27-12-6-7-15-18(11-12)28-20(24-15)23-14-4-2-3-5-17(14)25/h6-11,14,17,25H,2-5H2,1H3,(H,21,26)(H,23,24)/t14-,17-/m1/s1
InChiKey	ADZBMFGQQWPHMJ-RHSMWYFYSA-N
MDL number	MFCD28142668
Appearance	Pale yellow solid