Hello Bio, Inc.
304 Wall St., Princeton, NJ 08540 USA

T. 609-683-7500
F. 609-228-4994

customercare-usa@hellobio.com

DATASHEET

SB 224289 hydrochloride

Product overview

Name	SB 224289 hydrochloride
Cat No	HB1667
Biological action	Antagonist
Purity	>95%
Description	Selective 5-HT_{1B} receptor antagonist

Biological Data

Biological description	Selective 5-HT_{1B} receptor antagonist (pK_i = 8.2). Displays > 60-fold selectivity over 5-HT_{1D}, 5-HT_{1A}, 5-HT_{1E}, 5-HT_{1F}, 5-HT_{2A} and 5-HT_{2C} receptors. Active *in vivo*.

Solubility & Handling

Storage instructions	Room temperature
Solubility overview	Soluble in DMSO (10mM)
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	1'-Methyl-5-[[2'-methyl-4'-(5-methyl-1 ,2,4-oxadiazol-3-yl)biphenyl-4-yl]carbonyl]-2,3,6,7-tetrahydrospiro[furo[2,3-*f*]indole-3,4'-piperidine hydrochloride
Molecular Weight	557.09
Molecular Formula	$C_{32}H_{32}N_4O_3$.HCl
CAS Number	180084-26-8
PubChem identifier	11226716
SMILES	O=C(C5=CC=C(C6=CC=C(C7=NOC(C)=N7)C=C6C)C=C5)N2C1=CC3=C(OCC43CCN(CC4)C)C=C1CC2.Cl
InChiKey	GKGKBZYMDILCOF-UHFFFAOYSA-N