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DATASHEET

SB 204741

Product overview

Name	SB 204741
Cat No	HB1674
Biological action	Antagonist
Purity	>99%
Description	Potent, selective 5-HT _{2B} receptor antagonist

Biological Data

Biological description	Potent and selective 5-HT _{2B} receptor antagonist ($pA_2 = 7.95$). Displays ≥ 135 -fold selectivity over 5-HT _{2C} , 5-HT _{2A} , 5-HT _{1A} , 1D, 1E, 5-HT ₃ and 5-HT ₄ receptors (pK_i values are 5.82, ~5.2 at 5-HT _{2C} and 5-HT _{2A} respectively).
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Solubility & Handling

Storage instructions	Room temperature
Solubility overview	Soluble in DMSO (100mM) or ethanol (20mM)
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	<i>N</i> -(1-Methyl-1 <i>H</i> -indolyl-5-yl)- <i>N'</i> -(3-m ethyl-5-isothiazolyl)urea
Molecular Weight	286.35
Molecular Formula	C ₁₄ H ₁₄ N ₄ OS
CAS Number	152239-46-8
PubChem identifier	3277600
SMILES	<chem>O=C(NC3=CC(C)=NS3)NC1=CC(C=CN2C)=C2C=C1</chem>
InChiKey	USFUFHFQWXDVMH-UHFFFAOYSA-N