

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

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

customercare-usa@hellobio.com



## DATASHEET

SB 204741

### Product overview

<b>Name</b>	SB 204741
<b>Cat No</b>	HB1674
<b>Biological action</b>	Antagonist
<b>Purity</b>	>99%
<b>Description</b>	Potent, selective 5-HT <sub>2B</sub> receptor antagonist

### Biological Data

<b>Biological description</b>	Potent and selective 5-HT <sub>2B</sub> receptor antagonist ( $pA_2 = 7.95$ ). Displays $\geq 135$ -fold selectivity over 5-HT <sub>2C</sub> , 5-HT <sub>2A</sub> , 5-HT <sub>1A</sub> , 1D, 1E, 5-HT <sub>3</sub> and 5-HT <sub>4</sub> receptors ( $pK_i$ values are 5.82, $\sim 5.2$ at 5-HT <sub>2C</sub> and 5-HT <sub>2A</sub> respectively).
-------------------------------	---

### Solubility & Handling

<b>Storage instructions</b>	Room temperature
<b>Solubility overview</b>	Soluble in DMSO (100mM) or ethanol (20mM)
<b>Important</b>	This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.

### Chemical Data

<b>Chemical name</b>	<i>N</i> -(1-Methyl-1 <i>H</i> -indolyl-5-yl)- <i>N'</i> -(3-m ethyl-5-isothiazolyl)urea
<b>Molecular Weight</b>	286.35
<b>Molecular Formula</b>	C <sub>14</sub> H <sub>14</sub> N <sub>4</sub> OS
<b>CAS Number</b>	152239-46-8
<b>PubChem identifier</b>	3277600
<b>SMILES</b>	<chem>O=C(NC3=CC(C)=NS3)NC1=CC(C=CN2C)=C2C=C1</chem>
<b>InChiKey</b>	USFUFHFQWXDVMH-UHFFFAOYSA-N