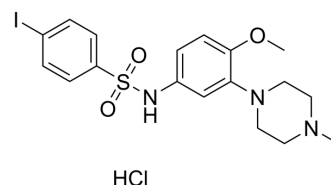


SB-258585 hydrochloride

Cat. No.:	HY-103141		
CAS No.:	1216468-02-8		
Molecular Formula:	C ₁₈ H ₂₃ ClIN ₃ O ₃ S		
Molecular Weight:	523.82		
Target:	Others		
Pathway:	Others		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 125 mg/mL (238.63 mM; ultrasonic and warming and heat to 60°C)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	1.9091 mL	9.5453 mL	19.0905 mL
5 mM	0.3818 mL	1.9091 mL	3.8181 mL
10 mM	0.1909 mL	0.9545 mL	1.9091 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

SB-258585 is a high affinity ligand for the 5-HT₆ receptor. SB-258585 binds highly to a single receptor population in a human cell line that recombines 5-HT₆ receptors. SB-258585 can be used to label recombinant and natural 5-HT₆ receptor^[1].

REFERENCES

[1]. Hirst WD, et al. Characterization of [(125)I]-SB-258585 binding to human recombinant and native 5-HT(6) receptors in rat, pig and human brain tissue. Br J Pharmacol. 2000 Aug;130(7):1597-605.

Caution: Product has not been fully validated for medical applications. For research use only.

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