
Product Data Sheet

Product Name: SB 200646

Cat. No.: GC25898

Chemical Properties

Cas. No. 143797-63-1

Formula C₁₅H₁₄N₄O

M.Wt 266.3

Solubility DMSO: 53 mg/mL (199.02 mM);Water: ?1 mg/mL (NaN
mM);Ethanol: 2 mg/mL (7.51 mM)Store
Storage at -
20°CGeneral
tips

For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

SB 200646 (SB 200646A) is a potent, selective and oral-active antagonist of 5-HT_{2B/2C} over 5-HT_{2A} receptor with 50 fold selectivity. The pK_i for rat 5-HT_{2C} receptor, rat 5-HT_{2B} receptor and rat 5-HT_{2A} receptor are 6.9, 7.5 and 5.2, respectively. SB 200646 has electrophysiological and anxiolytic properties in vivo.

[1] Kennett GA, et al. Br J Pharmacol. 1994 Mar;111(3):797-802.

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

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