
Product Data Sheet

Product Name: SB 215505

Cat. No.: GC50014

Chemical Properties

Cas. No. 162100-15-4

SMILES O=C(NC3=CC=CC4=C3C=CC=N4)N(CC2)C1=C2C=C(C)C(Cl)=C1Formula $C_{19}H_{16}ClN_3O$ M.Wt 337.81

Solubility Soluble in DMSO Storage Store at -20°C

General 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**

Potent 5-HT_{2B/2C} receptor antagonist (pK_i values are 8.3, 7.66 and 6.77 for 5-HT_{2B}, 5-HT_{2C} and 5-HT_{2A} respectively). Increases wakefulness and motor activity in rats. Orally active.

Kennett et al (1998) Anxiolytic-like actions of BW 723C86 in the rat Vogel conflict test are 5-HT_{2B} receptor mediated. *Neuropharmacology* 37 1603 PMID:9886683 |Reavill et al (1999) Attenuation of haloperidol-induced catalepsy by a 5-HT_{2C} receptor antagonist. *Br.J.Pharmacol.* 126 572 PMID:10188965 |Kantor et al (2004) Increased wakefulness, motor activity and decreased theta activity after blockade of the 5-HT_{2B} receptor by the subtype-selective antagonist SB-215505. *Br.J.Pharmacol.* 142 1332 PMID:15265808

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

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