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DATASHEET

SB 224289 hydrochloride

Product overview

Name SB 224289 hydrochloride

Cat No HB1667
Biological action Antagonist
Purity >95%

Description Selective 5-HT_{1B} receptor antagonist

Biological Data

Biological description Selective 5-HT_{1B} receptor antagonist (pK_i = 8.2). Displays > 60-fold selectivity over 5-HT_{1D}, 5-HT_{1A},

 $5\text{-HT}_{1\text{E}},\,5\text{-HT}_{1\text{F}},\,5\text{-HT}_{2\text{A}}$ and $5\text{-HT}_{2\text{C}}$ receptors. Active in vivo.

Solubility & Handling

Solubility overview Soluble in DMSO (10mM)
Storage instructions Room temperature

Storage of solutions Prepare and use solutions on the same day if possible. Store solutions at -20 °C for up to one month if

storage is required. Equilibrate to RT and ensure the solution is precipitate free before use.

Shipping Conditions Stable for ambient temperature shipping. Follow storage instructions on receipt.

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 1'-Methyl-5-[[2'-methyl-4'-(5-methyl-1, 2,4-oxadiazol-3-yl)biphenyl-4-yl]carbonyl]-2,3,6,

7-tetrahydrospiro[furo[2,3-f]indole-3,4'-piperidine hydrochloride

Molecular Weight 557.09

1CC2.CI

InChiKey GKGKBZYMDILCOF-UHFFFAOYSA-N