
Product Data Sheet

Product Name: SSR-241586

Cat. No.: GC37680

Chemical Properties

Cas. No. 1239279-30-1

SMILES O=C(C1(N2CCCCC2)CCN(CC[C@@]3(C4=CC=C(Cl)C(Cl)=C4)CN(C(C5=CC=CC=C5)=O)CCO3)CC1)N(C)CFormula C₃₂H₄₂Cl₂N₄O₃

M.Wt

601.61

Solubility Soluble in DMSO

Storage

Store at -20°C

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

Structure

Background

SSR-241586 is an antagonist of neurokinin receptors. SSR-241586 is shown to be active in the treatment of depression, schizophrenia, urinary trouble, emesis, and irritable bowel syndrome (IBS)[1][2]. Neurokinin receptors[1]

[1]. Métro TX, et al. Asymmetric synthesis of an antagonist of neurokinin receptors: SSR 241586. J Org Chem. 2011 Apr 15;76(8):2594-602. [2]. Cochi A, et al. Enantioselective synthesis of SSR 241586 by using an organo-catalyzed Henry reaction. Org Lett. 2010 Aug 20;12(16):3693-5.

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

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