

Product Data Sheet

Product Name: BAY-1797

Cat. No.: GC39344

Chemical Properties

Cas. No. 2055602-83-8

SMILES O=C(NC1=CC=C(OC2=CC=CC(Cl)=C2)C(S(=O)(N)=O)=C1)CC3=CC=CC=C3

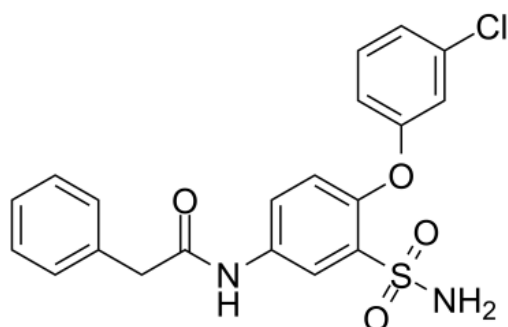
Formula C20H17ClN2O4S M.Wt 416.88

Solubility DMSO: 250 mg/mL (599.69 mM) 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

BAY-1797 is a potent, orally active, and selective P2X4 antagonist, with an IC50 of 211 nM against human P2X4. BAY-1797 displays no or very weak activity on the other P2X ion channels. BAY-1797 shows anti-nociceptive and anti-inflammatory effects[1].

[1]. Werner S, et al. Discovery and Characterization of the Potent and Selective P2X4 Inhibitor N-[4-(3-Chlorophenoxy)-3-sulfamoylphenyl]-2-phenylacetamide (BAY-1797) and Structure-Guided Amelioration of Its CYP3A4 Induction Profile. J Med Chem. 2019 Dec 26;62(24):11194-11217.

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

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