
Product Data Sheet

Product Name: CGRP antagonist 1
Cat. No.: GC31107

Chemical Properties

Cas. No. 1123757-49-2

SMILES O=C(NC1=CC2=C(C[C@@]3(C4=CC=CN=C4NC3=O)C2)C=C1)CN5C(C6(CCOCC6)C7=C5C=CC=C7)=O

Formula $C_{29}H_{26}N_4O_4$ M.Wt 494.54

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

CGRP antagonist 1 is a highly potent CGRP receptor antagonist with a K_i and IC_{50} of 35 and 57 nM, respectively.

CGRP antagonist 1 is compound 20[1].

[1]. Stump CA, et al. The discovery of highly potent CGRP receptor antagonists. *Bioorg Med Chem Lett.* 2009 Jan 1;19(1):214-7.

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA