

Product Data Sheet

Product Name: AN3199
Cat. No.: GC31728

Chemical Properties

Cas. No. 1187187-10-5

SMILES O=C(C1=CC=C(OC2=CC=C(B(O)OC3)C3=C2)N=C1)OCCCC

Formula $C_{17}H_{18}BNO_5$ M.Wt 327.14

Solubility DMSO : 100 mg/mL (305.68 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.

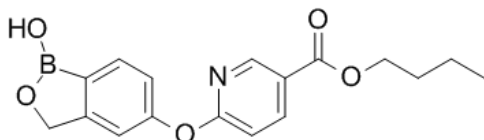
Caution: Product has not been fully validated for medical applications. For research use only.

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

Product Data Sheet

Structure



Background

AN3199 is a PDE4 inhibitor with IC₅₀ of 94.5 nM. IC₅₀ value: 94.5 nM [1] Target: PDE4 The detailed information please refer to Compound 11 in the reference.

[1]. Zhang YK, et al. Design and synthesis of boron-containing PDE4 inhibitors using soft-drug strategy for potential dermatologic anti-inflammatory application. *Bioorg Med Chem Lett*. 2010 Apr 1;20(7):2270-4. [2]. Akama Tsutomu, et al. Preparation of boron-containing small molecules as anti-inflammatory agents. *From PCT Int. Appl.* (2009), WO 2009111676 A2 20090911.

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