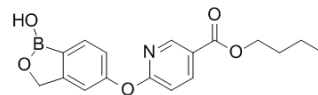


Data Sheet

Product Name:	AN3199
Cat. No.:	HY-19830
CAS No.:	1187187-10-5
Molecular Formula:	C ₁₇ H ₁₈ BNO ₅
Molecular Weight:	327.14
Target:	Phosphodiesterase (PDE)
Pathway:	Metabolic Enzyme/Protease
Solubility:	10 mM in DMSO



BIOLOGICAL ACTIVITY:

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.

References:

[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.

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

Tel: 609-228-6898 Fax: 609-228-5909 E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA