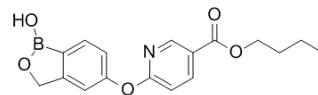


Data Sheet

| | |
|--------------------|--|
| 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.

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