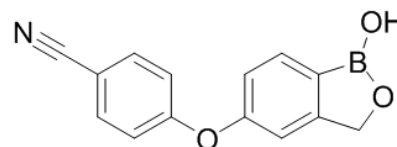


Product Name : AN-2728
Cat. No. : PC-42760
CAS No. : 906673-24-3
Molecular Formula : C₁₄H₁₀BNO₃
Molecular Weight : 251.0451
Target : Phosphodiesterase (PDE)
Solubility : DMSO: ≥ 32 mg/mL



Biological Activity

A potent PDE4 inhibitor with IC₅₀ of 0.49 μM; also shows inhibition against PDE1A3, PDE3Cat, and PDE7A1; suppresses the release of TNFα, IL-12, IL-23 and other cytokines.

Dermatitis

Phase 2 Clinical

References

Akama T, et al. *Bioorg Med Chem Lett*. 2009 Apr 15;19(8):2129-32.

Nazarian R, et al. *Curr Opin Investig Drugs*. 2009 Nov;10(11):1236-42.

Freund YR, et al. *FEBS Lett*. 2012 Sep 21;586(19):3410-4.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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