

Product Data Sheet

Product Name: AN-2898
Cat. No.: GB62232

Chemical Properties

Cas. No. 906673-33-4

SMILES N#CC1=CC=C(OC2=CC=C(B(O)OC3)C3=C2)C=C1C#N

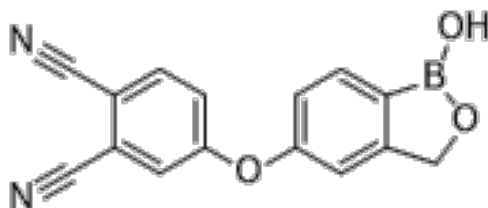
Formula C₁₅H₉BN₂O₃ M.Wt 276.06

Solubility Soluble in DMSO, not in water 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.

Structure



Background

AN-2898 is a potent and selective PDE4 inhibitor potentially for the treatment of fungal infection. AN-2898 inhibited phosphodiesterase 4 (PDE4) enzyme activity (IC₅₀ 0.060 µM) and the release of multiple cytokines including TNF-α (IC₅₀ 0.16 µM) from peripheral blood mononuclear cells (hPBMCs) stimulated by lipopolysaccharide (LPS) or phytohemagglutinin.

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

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