

AA 2379

Chemical Properties

CAS No. : 103446-98-6

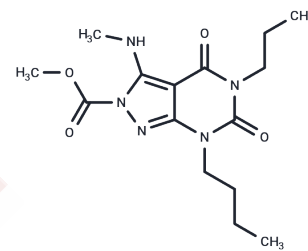
Formula: C₁₅H₂₃N₅O₄

Molecular Weight: 337.37

Keep away from moisture

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

Description	AA 2379 is an orally available antirheumatic agent with anti-inflammatory and antipyretic activity that dose-dependently inhibits complement-mediated yeast glycan-induced paw edema in rats and yeast glycan-activated serum-induced peritonitis in mice.
Targets(IC50)	Others,PDE

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9641 mL	14.8205 mL	29.641 mL
5 mM	0.5928 mL	2.9641 mL	5.9282 mL
10 mM	0.2964 mL	1.4821 mL	2.9641 mL
50 mM	0.0593 mL	0.2964 mL	0.5928 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Makino H, et al. Antiinflammatory, analgesic, and antipyretic activities of methyl 7-butyl-4,5,6,7-tetrahydro-3-methylamino-4,6-dioxo-5-propyl-2H-pyrazolo[3,4-d]pyrimidine-2-carboxylate (AA-2379), a novel non-acidic agent. *Agents Actions*. 1988 Dec;25(3-4):385-93.

Makino H, et al. Inhibitory effects of methyl 7-butyl-4,5,6,7-tetrahydro-3-methylamino-4,6-dioxo-5-propyl-2H-pyrazolo[3,4-d]pyrimidine-2-carboxylate (AA-2379) on lysosomal enzyme and arachidonic acid release from rat polymorphonuclear leukocytes and its mode of action. *Agents Actions*. 1989 Nov;28(3-4):248-55.

Makino H, et al. Inhibitory effect of methyl 7-butyl-4,5,6,7-tetrahydro-3-methylamino-4,6-dioxo-5-propyl-2H-pyrazolo[3,4-d]pyrimidine-2-carboxylate (AA-2379) on type III allergic (Arthus) reaction. *Agents Actions*. 1988 Dec;25(3-4):326-35.

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