

MDL 201112

Chemical Properties

CAS No. : 142130-73-2
Formula: C₁₀H₁₃N₅O
Molecular Weight: 219.25
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	MDL 201112 is a carbocyclic nucleoside that reduces the production of TNF- α and inhibits the expression of MHCII class Ia+ antigens. It is applicable in research related to inflammation and immunology.
Targets(IC50)	MHC
In vitro	MDL 201112 (10 μ M) reduces the production of TNF- α in LEW/N macrophages and inhibits the expression of MHC class II Ia+ antigens.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.561 mL	22.805 mL	45.610 mL
5 mM	0.9122 mL	4.561 mL	9.122 mL
10 mM	0.4561 mL	2.2805 mL	4.561 mL
50 mM	0.0912 mL	0.4561 mL	0.9122 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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