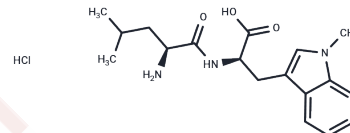


NLG802 HCl

Chemical Properties

CAS No. :	2071684-09-6
Formula:	C ₁₈ H ₂₆ ClN ₃ O ₃
Molecular Weight:	367.874
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	NLG802 is an orally bioavailable prodrug of indoximod, a methylated tryptophan, with immune checkpoint inhibitory and antineoplastic activities. Upon oral administration, the indoximod prodrug NLG802 is converted to indoximod. Indoximod targets, binds to and inhibits the enzyme indoleamine 2,3-dioxygenase (IDO; IDO1), which converts the essential amino acid tryptophan into the immunosuppressive metabolite kynurenine. By increasing tryptophan levels and decreasing kynurenine levels, indoximod restores and promotes the proliferation and activation of various immune cells, including dendritic cells (DCs), natural killer (NK) cells, and T lymphocytes, and causes a reduction in tumor-associated regulatory T cells (Tregs).
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7184 mL	13.5918 mL	27.1835 mL
5 mM	0.5437 mL	2.7184 mL	5.4367 mL
10 mM	0.2718 mL	1.3592 mL	2.7184 mL
50 mM	0.0544 mL	0.2718 mL	0.5437 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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