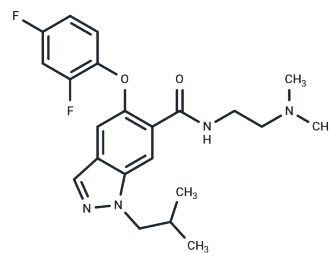


ARRY-797

Chemical Properties

CAS No. :	1034189-82-6
Formula:	C22H26F2N4O2
Molecular Weight:	416.46
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	ARRY-797 (ARRY-371797) is a potent and selective p38α inhibitor and inhibits LPS-Induced IL-6.
Targets(IC50)	IL Receptor,p38 MAPK
In vivo	ARRY-797 inhibits the growth of RPMI-8226 Human Multiple Myeloma Cells. ARRY-371797 prevented left ventricular dilatation and deterioration of fractional shortening compared with placebo-treated mice[2].

Solubility Information

Solubility	DMSO: 55 mg/ml (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4012 mL	12.006 mL	24.0119 mL
5 mM	0.4802 mL	2.4012 mL	4.8024 mL
10 mM	0.2401 mL	1.2006 mL	2.4012 mL
50 mM	0.048 mL	0.2401 mL	0.4802 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.

Reference

Muchir A, et al. Abnormal p38α mitogen-activated protein kinase signaling in dilated cardiomyopathy caused by lamin A/C gene mutation. Hum Mol Genet. 2012 Oct 1;21(19):4325-33.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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