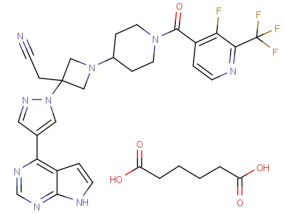


Data Sheet (Cat.No.T11687)

Itacitinib adipate

Chemical Properties

CAS No.:	1334302-63-4
Formula:	C32H33F4N9O5
Molecular Weight:	699.66
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	Itacitinib adipate is an orally bioavailable and selective JAK1 inhibitor, Itacitinib adipate has been tested for efficacy and safety in a phase II trial in myelofibrosis.
Targets(IC ₅₀)	JAK1: None

Solubility Information

Solubility	DMSO: 137.5 mg/mL (196.52 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.429 mL	7.146 mL	14.293 mL
5 mM	0.286 mL	1.429 mL	2.859 mL
10 mM	0.143 mL	0.715 mL	1.429 mL
50 mM	0.029 mL	0.143 mL	0.286 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. Griesshammer M, et al. The BCR-ABL1-negative myeloproliferative neoplasms: a review of JAK inhibitors in the therapeutic armamentarium. Expert Opin Pharmacother. 2017 Dec;18(18):1929-1938.

Inhibitors · Natural Compounds · Compound Libraries

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