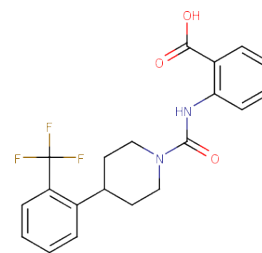


A 1120

Chemical Properties

CAS No. : 1152782-19-8
 Formula: C₂₀H₁₉F₃N₂O₃
 Molecular Weight: 392.37
 Appearance: no data available
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	A 1120 is a nonretinoid retinol-binding protein 4 (RBP4) antagonist (K _i : 8.3 nM), which disrupts the interaction between RBP4 and its binding partner transthyretin.
Targets(IC ₅₀)	Others
In vitro	The IC ₅₀ of A 1120 is 66 nM on mouse RBP4 and 90 nM on human RBP4 [1].

Solubility Information

Solubility	DMSO: 95 mg/mL (242.12 mM), Sonification is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5486 mL	12.7431 mL	25.4861 mL
5 mM	0.5097 mL	2.5486 mL	5.0972 mL
10 mM	0.2549 mL	1.2743 mL	2.5486 mL
50 mM	0.051 mL	0.2549 mL	0.5097 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

Motani A, et al. Identification and characterization of a non-retinoid ligand for retinol-binding protein 4 which lowers serum retinol-binding protein 4 levels in vivo. J Biol Chem. 2009 Mar 20;284(12):7673-80.

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