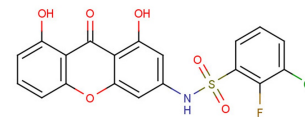


## PGAM1-IN-1

**Chemical Properties**

CAS No.:	T12439
Formula:	C <sub>19</sub> H <sub>11</sub> ClFNO <sub>6</sub> S
Molecular Weight:	435.81
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).

**Biological Description**

Description	PGAM1-IN-1 is an inhibitor of phosphoglycerate mutase 1 (PGAM1)(IC <sub>50</sub> of 6.4 μM).
Targets(IC <sub>50</sub> )	PGAM1: 6.4 μM
In vitro	PGAM1-IN-1 is an inhibitor of H1299 proliferation (IC <sub>50</sub> : 14.1±1.9 μM)[1].

**Solubility Information**

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.295 mL	11.473 mL	22.946 mL
5 mM	0.459 mL	2.295 mL	4.589 mL
10 mM	0.229 mL	1.147 mL	2.295 mL
50 mM	0.046 mL	0.229 mL	0.459 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. Wang P, et al. The Design and Synthesis of N-Xanthone Benzenesulfonamides as Novel Phosphoglycerate Mutase 1 (PGAM1) Inhibitors. *Molecules*. 2018 Jun 8;23(6). pii: E1396.

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