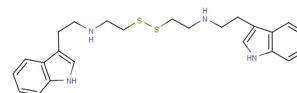


G6PD activator AG1

Chemical Properties

CAS No.:	421581-52-4
Formula:	C ₂₄ H ₃₀ N ₄ S ₂
Molecular Weight:	438.65
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	G6PD activator AG1 is a glucose-6-phosphate dehydrogenase (G6PD) activator with an EC ₅₀ of 3 μ M.
Targets(IC ₅₀)	G6PD: 3 μ M

Solubility Information

Solubility	DMSO: 20.83 mg/mL (47.49 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.28 mL	11.399 mL	22.797 mL
5 mM	0.456 mL	2.28 mL	4.559 mL
10 mM	0.228 mL	1.14 mL	2.28 mL
50 mM	0.046 mL	0.228 mL	0.456 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. <https://patents.google.com/patent/WO2019023264A1/en?q=WO2019023264A1>

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