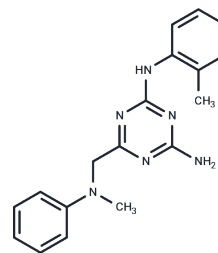


Therapeutic agent-1

Chemical Properties

CAS No. :	850020-01-8
Formula:	C ₁₈ H ₂₀ N ₆
Molecular Weight:	320.39
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	Therapeutic agent-1 is an orally active glucokinase (GK) activator. It lowers fasting blood glucose levels by increasing hepatic glucose phosphorylation and promoting insulin secretion in diabetes models.
Targets(IC ₅₀)	Glucokinase

Solubility Information

Solubility	DMSO: 80 mg/mL (249.7 mM), Sonication 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	3.1212 mL	15.606 mL	31.212 mL
5 mM	0.6242 mL	3.1212 mL	6.2424 mL
10 mM	0.3121 mL	1.5606 mL	3.1212 mL
50 mM	0.0624 mL	0.3121 mL	0.6242 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.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Kim J Y, Kim Y H, Kim Y S. Indoline dyes with various acceptors for dye-sensitized solar cells[J]. Current applied physics, 2011, 11(1): S117-S121.

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