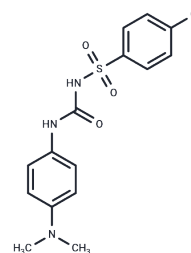


## Glyparamide

## Chemical Properties

CAS No. :	5581-42-0
Formula:	C <sub>15</sub> H <sub>16</sub> ClN <sub>3</sub> O <sub>3</sub> S
Molecular Weight:	353.82
Appearance:	no data available
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year



## Biological Description

Description	Glyparamide is a hypoglycemic compound that reduces platelet aggregation, resulting in less atherosclerotic plaque formation.
Targets(IC50)	Others

## Solubility Information

Solubility	DMSO: 50 mg/mL (141.31 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	2.8263 mL	14.1315 mL	28.263 mL
5 mM	0.5653 mL	2.8263 mL	5.6526 mL
10 mM	0.2826 mL	1.4131 mL	2.8263 mL
50 mM	0.0565 mL	0.2826 mL	0.5653 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

Liu Y, et al. Emerging Theranostic Nanomaterials in Diabetes and Its Complications. Adv Sci (Weinh). 2022 Jan;9(3): e2102466.

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