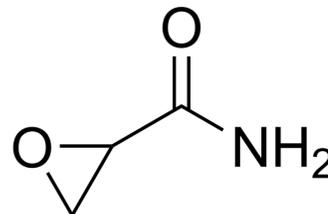


Glycidamide

Cat. No.:	HY-119329
CAS No.:	5694-00-8
Molecular Formula:	C ₃ H ₅ NO ₂
Molecular Weight:	87.08
Target:	Others
Pathway:	Others
Storage:	-20°C, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 125 mg/mL (1435.46 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	11.4837 mL	57.4185 mL	114.8369 mL
	5 mM	2.2967 mL	11.4837 mL	22.9674 mL
	10 mM	1.1484 mL	5.7418 mL	11.4837 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

Glycidamide is the genotoxic metabolite of Acrylamide. Glycidamide can react with proteins, such as hemoglobin, or with DNA, and induces genotoxic effects^[1].

REFERENCES

[1]. Besaratinia A, et al. Genotoxicity of acrylamide and glycidamide. J Natl Cancer Inst. 2004 Jul 7;96(13):1023-9.

Caution: Product has not been fully validated for medical applications. For research use only.

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