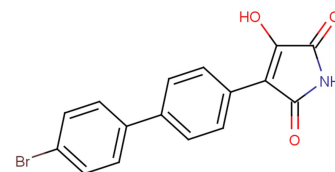


Glycolic acid oxidase inhibitor 1

Chemical Properties

CAS No.:	77529-42-1
Formula:	C ₁₆ H ₁₀ BrNO ₃
Molecular Weight:	344.16
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	Glycolic acid oxidase inhibitor 1 is a glycolate oxidase inhibitor.
Targets(IC ₅₀)	Glycolate oxidase: None
In vivo	Glycolate oxidase inhibitors provide a specific approach to the prevention and treatment of calcium oxalate renal lithiasis. Glycolic acid oxidase inhibitor 1 inhibits oxalate biosynthesis in isolated perfused rat liver.

Solubility Information

Solubility	DMSO: 137 mg/mL (398.07 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	---

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.906 mL	14.528 mL	29.056 mL
5 mM	0.581 mL	2.906 mL	5.811 mL
10 mM	0.291 mL	1.453 mL	2.906 mL
50 mM	0.058 mL	0.291 mL	0.581 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. Cragoe Jr., Edward J, et al. 4-Substituted-3-hydroxy-3-pyrroline-2,5-dione compounds, process for their preparation and pharmaceutical compositions containing the same. EP0021228A1.

Inhibitors · Natural Compounds · Compound Libraries

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use.

Tel:781-999-4286

E-mail:info@targetmol.com

Address:36 Washington Street,Wellesley Hills,MA 02481