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Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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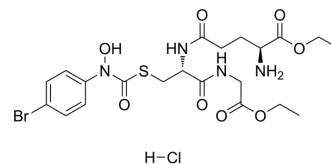
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Glyoxalase I inhibitor

Cat. No.:	HY-15167
CAS No.:	221174-33-0
Molecular Formula:	C ₂₁ H ₃₀ BrClN ₄ O ₈ S
Molecular Weight:	613.91
Target:	Glyoxalase (GLO)
Pathway:	Metabolic Enzyme/Protease
Storage:	4°C, protect from light, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light, stored under nitrogen)



SOLVENT & SOLUBILITY

In Vitro

DMSO : ≥ 37 mg/mL (60.27 mM)
* "≥" means soluble, but saturation unknown.

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	1.6289 mL	8.1445 mL	16.2890 mL
	5 mM	0.3258 mL	1.6289 mL	3.2578 mL
	10 mM	0.1629 mL	0.8145 mL	1.6289 mL

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

In Vivo

- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
Solubility: ≥ 2.5 mg/mL (4.07 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: ≥ 2.5 mg/mL (4.07 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 2.5 mg/mL (4.07 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

Glyoxalase I inhibitor is a potent Glyoxalase I inhibitor, candidate for anticancer agents.

CUSTOMER VALIDATION

- Nature. 2018 Oct;562(7728):600-604.

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- Research Square Preprint. 2021 May.

See more customer validations on www.MedChemExpress.com

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

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