

Product Data Sheet

Product Name: Glyoxalase I inhibitor free base

Cat. No.: GC36166

Chemical Properties

Cas. No. 174568-92-4

SMILES N[C@H](C(OCC)=O)CCC(N[C@@H](CSC(N(O)C1=CC=C(Br)C=C1)=O)C(NCC(OCC)=O)=O

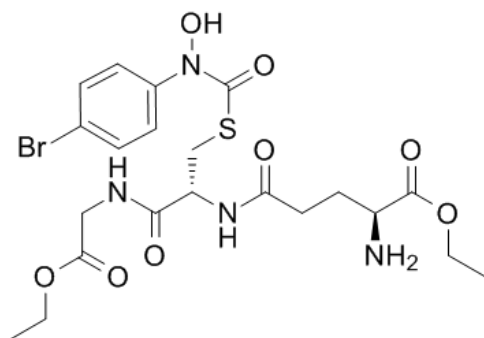
Formula $C_{21}H_{29}BrN_4O_8S$ M.Wt 577.45

Solubility DMSO: ≥ 46 mg/mL (79.66 mM) Storage 4°C, protect from light, stored under nitrogen

General tips For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution: ship with blue ice All other available size: ship with RT, or blue ice upon request.

Structure



Background

Glyoxalase I inhibitor (free base) is a potent Glyoxalase I (GLO1) inhibitor, candidate for anticancer agents.

[1]. Bollong MJ, et al. A metabolite-derived protein modification integrates glycolysis with KEAP1-NRF2 signalling. Nature. 2018 Oct 15.

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

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