
Product Data Sheet

Product Name: Elastase Inhibitor

Cat. No.: GC17850

Chemical Properties

Cas. No. 111682-13-4

Chemical Name methyl 4-[[[(2R)-1-[[[(2R)-1-[(2R)-2-[[[(2R)-4-chloro-3-oxobutan-2-yl]carbonyl]pyrrolidin-1-yl]-1-oxopropan-2-yl]amino]-1-oxopropan-2-yl]amino]-4-oxobutanoate

SMILES CC(C(=O)CCl)NC(=O)C1CCCN1C(=O)C(C)NC(=O)C(C)NC(=O)CCC(=O)OCFormula C₂₀H₃₁ClN₄O₇

M.Wt

474.94

Solubility Soluble in DMSO

Storage

Store at -20°C

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**

A potent, irreversible inhibitor of human neutrophil elastase (HNE). The structure of the enzyme-inhibitor complex reveals crosslinking of the catalytic residues His-57 and Ser-195 by the peptidyl chloromethylketone.

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA
