

Product Data Sheet

Product Name: L-156,602

Cat. No.: GC18900

Chemical Properties

Cas. No. 125228-51-5

Chemical Name N/A

SMILES O=C(CNC([C@H](C)N(O)C([C@](CCCN1)([H])N1C([C@](NC([C@](O)(C)[C@@]2(O)C[C@H](C[C@@H](C)CC)[C@@H](C)O2)=O)([H])[C@H](C(C)C)OC([C@@H](C)N3O)=O)=O)=O)N4[C@](CCCN4)([H])C3=O

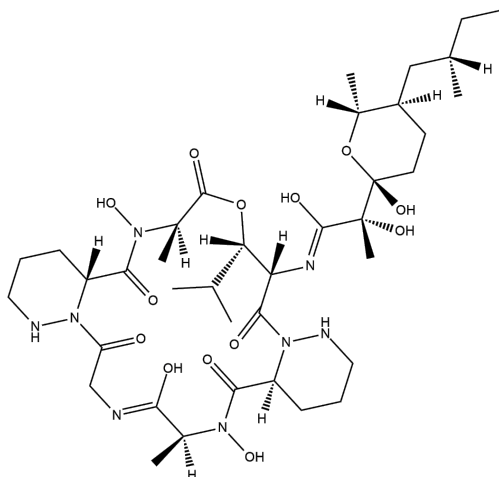
Formula $C_{38}H_{64}N_8O_{13}$ M.Wt 841

Solubility DMF: soluble, DMSO: soluble, Ethanol: soluble 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

L-156,602 is an antagonist of the complement component 5A (C5a) receptor ($IC_{50} = 1.7 \mu g/L$ in a radioligand binding assay using neutrophil membranes). It is also a cyclic depsipeptide antibiotic that

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

Product Data Sheet

is active against Gram-positive bacteria. L-156,602 has anti-inflammatory activity in mice, decreasing inflammation induced by muramyl dipeptide (MDP) when administered at a dose of 0.5 mg/kg and by concanavalin A at doses of 0.25 and 0.5 mg/kg.

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