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**Product Data Sheet**


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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)CC[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)=O)N4[C@](CCCN4)([H])C3=O

Formula C<sub>38</sub>H<sub>64</sub>N<sub>8</sub>O<sub>13</sub>

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<sub>50</sub> = 1.7 ug/L in a radioligand binding assay using neutrophil membranes). It is also a cyclic depsipeptide antibiotic that 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.**

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