

Solamargine

Catalog No: #S4034

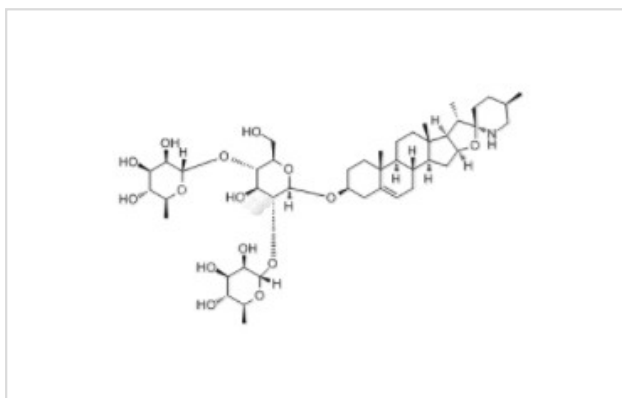
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Description

Product Name	Solamargine
Brief Description	Inhibitors
Purification	98.00%
Target Name	p38 MAPK inhibitor; STAT inhibitor
Calculated MW	868.07
Formulation	C45H73NO15
Storage	3 years -20°C powder; 2 years -80°C in solvent;

Images



Product Description

Research

Area: Cancer
 SMILES: C[C@@H]1CC[C@@]2([C@H]([C@H]3[C@@H](O2)C[C@@H]4[C@@]3(CC[C@H]5[C@H]4CC=C6[C@@]5(CC[C@@H](C6)O[C@H]7[C@@H]([C@H]([C@@H]([C@H](O7)CO)O[C@H]8[C@@H]([C@@H]([C@H]([C@@H](O8)C)O)O)O)O[C@H]9[C@@H]([C@@H]([C@H]([C@@H](O9)C)O)O)C)C)NC1
 Pathways: JAK/STAT signaling; MAPK; Stem Cells
 Receptor: p38 MAPK; STAT3
 Boling pt: Melting pt: Solubility: DMSO: 8.8 mg/mL
 Appearance: Remark: 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 month.

References

1. Sani IK., et al. Solamargine inhibits migration and invasion of human hepatocellular carcinoma cells through down-regulation of matrix metalloproteinases 2 and 9 expression and activity. *Toxicol In Vitro*. 2015 Aug;29(5):893-900.

Note: This product is for in vitro research use only