

Acerogenin G

Chemical Properties

CAS No. : 130233-83-9

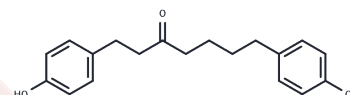
Formula: C₁₉H₂₂O₃

Molecular Weight: 298.38

Storage: Keep away from direct sunlight, Store at low temperature, Store under nitrogen

Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

Description	Acerogenin G is a natural product discovered in <i>Acer nikoense</i> , exhibiting anti-inflammatory activity by inhibiting LPS-induced NO production (IC ₅₀ =5.58 μM).
Targets(IC ₅₀)	NO Synthase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.3514 mL	16.7572 mL	33.5143 mL
5 mM	0.6703 mL	3.3514 mL	6.7029 mL
10 mM	0.3351 mL	1.6757 mL	3.3514 mL
50 mM	0.067 mL	0.3351 mL	0.6703 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Tetsuhiro Ogura, et al. Total synthesis of acerogenins E, G and K, and centrolobol. *Tetrahedron*.2013, 63.

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481