

Gyrophoric acid

Chemical Properties

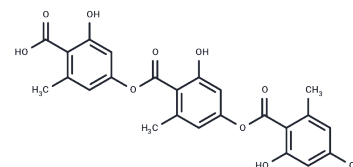
CAS No. : 548-89-0

Formula: C₂₄H₂₀O₁₀

Molecular Weight: 468.41

Appearance: no data available

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



Biological Description

Description	Vulpinic and gyrophoric acids are known as ultraviolet filters for natural lichen populations, they can effectively prevent cytotoxic, apoptotic and cytoskeleton alterative activities of 2.5 J/cm(2) UVB in a dose-dependent manner, suggest that vulpinic and gyrophoric acids can be promising cosmetic ingredients to photo-protect human skin cells. Gyrophoric acid also has anti-proliferative/cytotoxic effect.
Targets(IC50)	cAMP

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1349 mL	10.6744 mL	21.3488 mL
5 mM	0.427 mL	2.1349 mL	4.2698 mL
10 mM	0.2135 mL	1.0674 mL	2.1349 mL
50 mM	0.0427 mL	0.2135 mL	0.427 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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