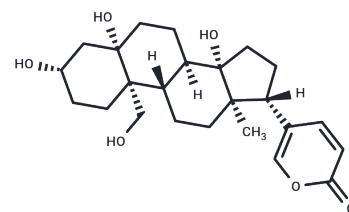


Hellebrigenol

Chemical Properties

CAS No. :	508-79-2
Formula:	C ₂₄ H ₃₄ O ₆
Molecular Weight:	418.523
Appearance:	no data available
Storage:	keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Hellebrigenol is a butadienolide extracted from the venom of the Vietnamese toad (<i>Bufo vulgaris</i>) with antitumor activity.
In vitro	Hellebrigenol exhibits cytotoxicity against HepG2 cells with an IC ₅₀ of 135.19 nM[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3894 mL	11.9469 mL	23.8937 mL
5 mM	0.4779 mL	2.3894 mL	4.7787 mL
10 mM	0.2389 mL	1.1947 mL	2.3894 mL
50 mM	0.0478 mL	0.2389 mL	0.4779 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.

Reference

Metabolites profiling of 10 bufadienolides in human liver microsomes and their cytotoxicity variation in HepG2 cell. Anal Bioanal Chem. 2016 Apr;408(10):2485-95.

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