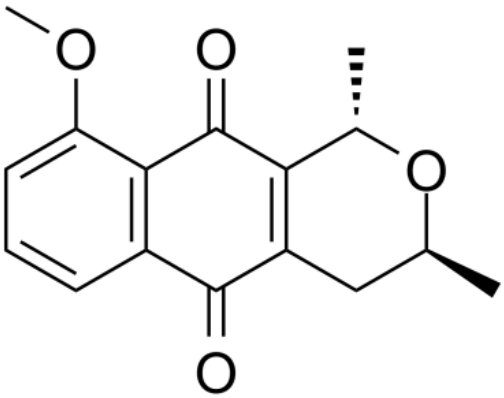
Product Data Sheet

Product Name: Isoeleutherin
Cat. No.: GC60944

Chemical Properties

Cas. No.	1078723-14-4		
SMILES	O=C(C1=C2[C@H](C)O[C@@H](C)C1)C3=C(C2=O)C(OC)=CC=C3		
Formula	$C_{16}H_{16}O_4$	M.Wt	272.3
Solubility	DMSO : 10 mg/mL (36.72 mM; Need ultrasonic)	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

Isoeleutherin is a naphthopyran derivative isolated from E. americana Merr. Et Heyne with anti-fungal, anti-viral, and anti-tumor activities. Isoeleutherin plays an important role in selective modulation of T helper cell-mediated immune responses[1].

[1]. Francesca R Gallo, et al. Polyketides from Eleutherine bulbosa. Nat Prod Res. 2010

Caution: Product has not been fully validated for medical applications. For research use only.
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