

Isosativan

Chemical Properties

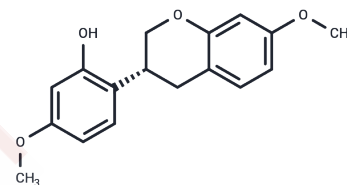
CAS No. : 60102-29-6

Formula: C₁₇H₁₈O₄

Molecular Weight: 286.32

Storage: 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	Isosativan is a natural product discovered in Trifolium hybridum that activates the mTORC2/AKT pathway in diabetic rats and inhibits the muscle atrophy genes Atrogin-1 and MuRF1.
Targets(IC50)	Akt,mTOR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.4926 mL	17.463 mL	34.926 mL
5 mM	0.6985 mL	3.4926 mL	6.9852 mL
10 mM	0.3493 mL	1.7463 mL	3.4926 mL
50 mM	0.0699 mL	0.3493 mL	0.6985 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

John L. Ingham, et al. Isosativan: an Isoflavan Phytoalexin from Trifolium hybridum and other Trifolium Species. 1976, Z. Naturforsch. 31 c, 331-332.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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