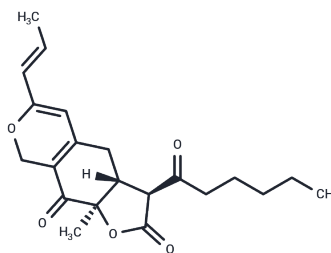


Monascin

Chemical Properties

CAS No. :	21516-68-7
Formula:	C ₂₁ H ₂₆ O ₅
Molecular Weight:	358.43
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Monascin is a kind of azaphilone pigments extracted from <i>Monascus pilosus</i> -fermented rice (red-mold rice), exhibits anti-tumor-initiating activity and anti-inflammatory activity .
Targets(IC ₅₀)	Others
In vivo	In mice Monascin appears effective for the inhibition of UVB-initiated carcinogenesis on mouse skin[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7899 mL	13.9497 mL	27.8995 mL
5 mM	0.558 mL	2.7899 mL	5.5799 mL
10 mM	0.279 mL	1.395 mL	2.7899 mL
50 mM	0.0558 mL	0.279 mL	0.558 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

Akihisa T, et al. Anti-tumor-initiating effects of monascin, an azaphilone pigment from the extract of *Monascus pilosus* fermented rice (red-mold rice). Chem Biodivers. 2005 Oct;2(10):1305-9.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only. Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:36 Washington Street,Wellesley Hills,MA 02481