Hello Bio, Inc. 304 Wall St., Princeton, NJ 08540 USA

T. 609-683-7500 F. 609-228-4994

customercare-usa@hellobio.com



DATASHEET

Xanthorrhizol

Product overview

Name Xanthorrhizol
Cat No HB4127
Purity >97%

Description Potent COX-2 and iNOS inhibitor

Biological Data

Biological description Shows calcium-antagonistic and vasorelaxant activity. Antibacterial. Anti-inflammatory. Potent COX-2

and inducible nitric oxide (iNOS; NOS II) inhibitor. Hepatoprotective. Anticancer compound. Apoptosis

inducer. Neuroprotective antioxidant. Antifungal.

Solubility & Handling

Storage instructions $+4^{\circ}$

Storage of solutions Prepare and use solutions on the same day if possible. Store solutions at -20 °C for up to one month if

storage is required. Equilibrate to RT and ensure the solution is precipitate free before use.

Shipping Conditions Stable for ambient temperature shipping. Follow storage instructions on receipt.

Important This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not

for human or veterinary use.

Chemical Data

Chemical name 1,3,5,10-Bisabolatetraen-2-ol

Molecular Weight 218.3 Chemical structure

H₃C

CAS Number 30199-26-9

PubChem identifier 0

 $\begin{array}{ll} \textbf{SMILES} & \textbf{C[C@H](CCC=C(C)C)c1ccc(C)c(O)c1} \\ \textbf{InChiKey} & \textbf{FKWGCEDRLNNZOZ-GFCCVEGCSA-N} \end{array}$

Appearance Colorless to light yellow oil