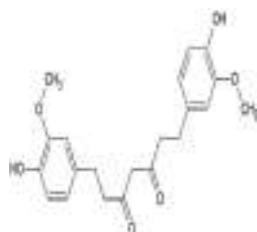


Tetrahydrocurcumin

ALTERNATE NAME: THC
NSC687845
1,7-Bis(4-hydroxy-3-methoxyphenyl)-3,5-heptanedione
Tetrahydrodiferuloylmethane

CATALOG #: B2781-10 10 mg
B2781-50 50 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₁H₂₄O₆

MOLECULAR WEIGHT: 372.41

CAS NUMBER: 36062-04-1

APPEARANCE: White to off-white solid

PURITY: ≥95% by HPLC

SOLUBILITY: ~5 mg/ml DMSO

DESCRIPTION: Tetrahydrocurcumin (THC) is a major metabolite of curcumin that displays antioxidant and anti-inflammatory properties. It has been shown to have protective effects against diabetes and vascular dysfunction via alleviation of oxidative stress. THC is being studied for the treatment of cancer and dementia. THC is also known to epigenetically ameliorate mitochondrial dysfunction in brain vasculature during Ischemic Stroke.

STORAGE TEMPERATURE: -20°C. Protect from light

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

RELATED PRODUCTS:

Demethoxycurcumin (B2945)
Bisdemethoxycurcumin (B2944)
Curcumin, Curcuma longa (High Purity) (1850)

DISCLAIMER: *FOR RESEARCH USE ONLY! Not to be used on humans.*