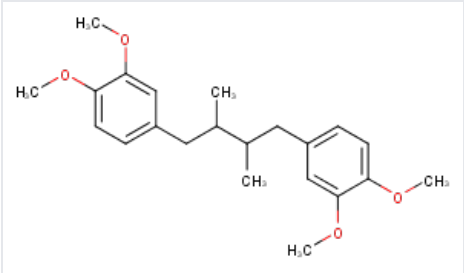
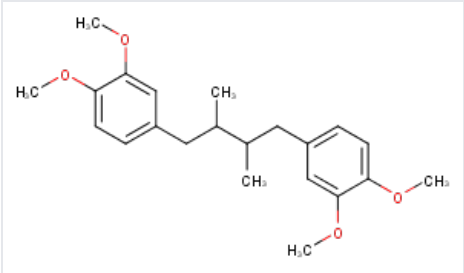
Terameprocol Inhibitor

PRODUCT OVERVIEW

Product Name	Terameprocol, Inhibitor
Full Product Name	Terameprocol
Product Synonym Names	EM-1421; tetramethyl Nordihydroguaiaretic Acid
Purity/Purification	99.79%
Preparation and Storage	Powder: -2 degree C for 3 years In solvent: -80 degree C for 2 years
Molecular Weight	358.478
SMILES	COc1ccc(CC(C)C(C)Cc2ccc(OC)c(OC)c2)cc1OC
Formula	C22H30O4
CAS Number	24150-24-1
Target	HIV Protease
Solubility	DMSO: 27.5mg/mL (76.71 mM) (<1mg/mL refers to the product slightly soluble or insoluble)
In_vitro	Terameprocol effectively inhibited the growth of Human tumors in nude mice [5]. Terameprocol inhibited the growth of both murine and Human melanomas and Human colon cancer without apparent hepatic or renal toxicity [4]. In nude (nu/nu) mice bearing xenografts of Human tumor types (Hep 3B, LNCaP, HT-29, MCF7, and K-562), treatment with Terameprocol (i.v. or i.p.) down-regulated Cdc2 and survivin genes expression [5].
Product Categories/Family for Terameprocol, inhibitor	Microbiology/Virology; Proteases/Proteasome
Related Product Information for Terameprocol, inhibitor	Terameprocol is a synthetic tetra-methylated derivative of nordihydroguaiaretic acid (NDGA) and transcriptional inhibitor with potential antiviral, antiangiogenic, and antineoplastic activities. Terameprocol showed the strongest anti-HIV activity.
Product References and Citations for Terameprocol, inhibitor	1 Hw R Tsen N Gnabr J e al Antivira activitie o methylate nordihydroguaiareti acids 1 Synthesis structur identification an inhibitio o tat-regulate HI transactivation[] Journa o medicina chemistry 1998 41(16) 2994-3000. 2 Che H Ten L L N e al Antivira activitie o methylate nordihydroguaiareti acids 2 Targetin herpe simple viru replicatio b th mutatio insensitiv transcriptio inhibito tetra-O-methyl-NDGA[] Journa o medicina chemistry 1998 41(16) 3001-3007. 3 Chan C Helle D Ku J e al Tetra-O-methy nordihydroguaiareti aci induce growt arres an cellula apoptosi b inhibitin Cdc an survivi expression[] Proceeding o th Nationa Academ o Science o th Unite State o America 2004 101(36) 13239-13244. 4 Lamber D Meyer O Timmerman N e al Tetra-O-methylnordihydroguaiareti aci inhibit melanom i vivo[] Cance letters 2001 171(1) 47-56. 5 Par R Chan C Lian C e al Systemi treatmen wit tetra-O-methy nordihydroguaiareti aci suppresse th growt o PUMA xenograf tumors[] Clinica Cance Research 2005 11(12) 4601-4609.
Other Notes	Small volumes of Terameprocol, inhibitor vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for Terameprocol purchase	MBS5773174 is an inhibitor targeting Terameprocol.



Structure of Terameprocol, inhibitor
Terameprocol, CAS 24150-24-1



Structure of Terameprocol, inhibitor
Terameprocol, CAS 24150-24-1

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/inhibitor/terameprocol/5773174