

24,25-Epoxycholesterol, LXR agonist, endogenous cholesterol metabolite

Catalog	Unit
TBI1330 - 1MG	1 mg
TBI1330 - 5MG	5 mg

Product Details

Formal Name: (3S,8S,9S,10R,13R,14S,17R)-17-[(2R)-4-[(2S)-3,3-dimethyloxiran-2-yl]butan-2-yl]-10,13-dimethyl-2,3,4,7,8,9,11,12,14,15,16,17-dodecahydro-1H-cyclopenta[a]phenanthren-3-ol

Molecular Formula: C₂₇H₄₄O₂

Formula Weight: 400.65

CAS Number: 77058-74-3

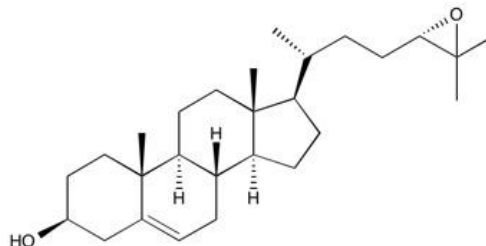
Purity: 98%

Formulation: Powder

Solubility: Soluble in DMSO (up to 30 mg/ml)

Storage: -20°C

Stability: ≥ 2 years.



Applications

LXR agonist, endogenous cholesterol metabolite

Functions

24(S),25-Epoxycholesterol (77058-74-3) is a cholesterol metabolite that acts as an endogenous agonist for nuclear receptor LXR. Controls cellular cholesterol homeostasis. 24(S),25-Epoxycholesterol promotes neural development in zebra fish as well as dopaminergic differentiation of embryonic stem cells. Cell permeable.

Application Procedures

First dissolved in DMSO (up to 30 mg/ml), then diluted to aqueous buffer. Solutions in DMSO may be stored at -20°C for up to 2 months.

Relative Products

TBI1170	Mitomycin C
TBI1345	E64, Cysteine protease inhibitor
TBI1347	E64d, Cysteine protease inhibitor
TBI2064	Chromomycin A3
TBI2069	Cytochalasin B
TBI2794	5-EDU, DNA Click labeling probe
TBI2071	Cytochalasin D
TBI1286	Bestatin, Aminopeptidase inhibitor
TBI2140	Gemcitabine
TBI2058	Aphidicolin, DNA polymerase Inhibitor

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