24(S)-Hydroxycholesterol

LXR ligand

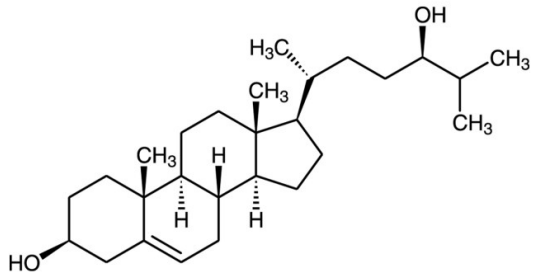
Endogenous agonist for the nuclear receptor LXR. Important metabolite of cholesterol in the brain. Displays neurotoxic effects on human neuroblastoma cells. Cerebrospinal fluid concentrations of 24(S)-hydroxycholesterol are increased in patients with Alzheimer's disease and mild cognitive impairment.

Citations: 9 View Online »

Ordering Information Order Online »

BML-GR230-0001	1mg
BML-GR230-0005	5mg

Manuals, SDS & CofA View Online »


OH
H3C
CH3
CH3
CH3
H
H
H
HO

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended. Store solutions at -20°C for up to 3 months.
Long Term Storage	-20°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Appearance	White solid.
CAS	474-73-7
Couple Target	LXR
Couple Type	Ligand
Formula	$C_{27}H_{46}O_2$
MW	402.7
MeltingPoint	177-180°C
Purity	≥98% (TLC)
Solubility	Soluble in ethanol (10mg/ml) or DMSO (10mg/ml – requires warming to ~40°C).

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