

2-2'-(Hydroxytetracosanoylamino)-octadecane-1,3,4-triol tetraacetate Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: 2-2'-(Hydroxytetracosanoylamino)-octadecane-1,3,4-triol tetraacetate

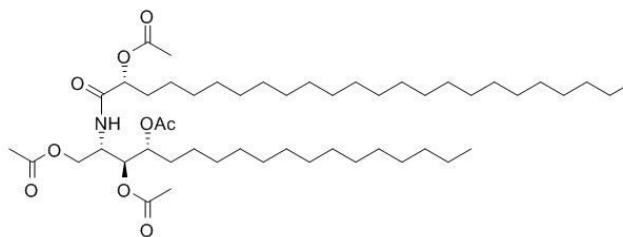
Catalog No.: CFN98439

Cas No.: 340702-68-3

Purity: > 95%

M.F: C₅₀H₉₃NO₉

M.W: 852.3



Physical Description: Powder

Synonyms: (2R)-2-(Acetyloxy)-N-[(1S,2S,3R)-2,3-bis(acetyloxy)-1-[(acetyloxy)methyl]heptadecyl]tetracosanamide; 2-(2-AcetoxytetracosanaMido)octadecane-1,3,4-triyl triacetate.

[Intended Use]

1. Reference standards;
2. Pharmacological research;
3. Synthetic precursor compounds;
4. Intermediates & Fine Chemicals;
5. Others.

[Source]

The herbs of *Phyllanthus emblica*.

[Biological Activity or Inhibitors]

(2S,3S,4R,2'R)-2-(2'-Hydroxytetracosanoylamino) octadecane-1,3,4-triol at concentration of 100 ug/mL shows selectively inhibitory activity against phospholipase A 2 (PLA 2) secreted from *Crotalus adamanteus* venom, but inactive against PLA 2 of bee venom (*Apis mellifera*).^[1]

[Solvent]

Pyridine, DMSO.

[HPLC Method]

Not data available.

[Storage]

2-8°C, Protected from air and light, refrigerate or freeze.

[References]

[1] Gao J M, Shen J, Zhang A L, *et al. Chinese Journal of Organic Chemistry, 2003,23(8): 853-7.*

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