Phomoxanthone A, apoptotic agent ab144326

Overview

Product name | Phomoxanthone A, apoptotic agent
Description | Cancer cell selective apoptotic agent. Antibiotic agent.
Biological description | Cancer cell selective apoptotic agent. Antibiotic agent. Induces apoptosis in cancer cells lines with 100 fold greater potency than noncancerous lines. Shows immunostimulant effects.
Purity | > 97%
CAS Number | 359844-69-2
Chemical structure |

Properties

Chemical name | [(3R,4R,4aR)-5-[(5R,6R,10aR)-5-Acetyloxy-10a-(acetyloxymethyl)-1,9-dihydroxy-6-methyl-8-oxo-6,7-dihydro-5H-xanthen-4-yl]-4-acetyloxy-8,9-dihydroxy-3-methyl-1-oxo-3,4-dihydro-2H-xanthen-4a-yl]methyl acetate
Molecular weight | 750.70
Molecular formula | C_{38}H_{38}O_{16}
PubChem identifier | 10033008
Storage instructions | Store at -20°C. It is important to note that this product is reported to be light sensitive. Store In the Dark. Store under desiccating conditions.
Solubility overview | Soluble in ethanol and in DMSO
Handling | Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.

Need more advice on solubility, usage and handling? Please visit our frequently asked questions
Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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