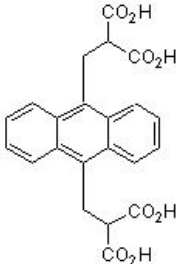


Product datasheet

9,10-Anthracenediyl-bis(methylene)dimalonic acid, singlett oxygen assay reagent ab145399

1 Image

Overview

Product name	9,10-Anthracenediyl-bis(methylene)dimalonic acid, singlett oxygen assay reagent
Description	Reagent for the assay of singlett oxygen with better characteristics than 9,10-anthracenediyl-bis-dipropionic acid.
Purity	> 90%
General notes	Fluorescence: λ_{ex} 380 nm; λ_{em} 407 nm in 0.1 M phosphate pH 7.0
CAS Number	307554-62-7
Chemical structure	

Properties

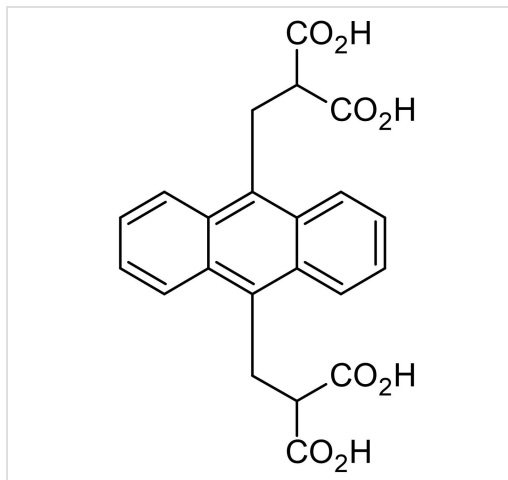
Excitation	380nm
Emission	407nm
Molecular weight	410.37
Molecular formula	C ₂₂ H ₁₈ O ₈
Storage instructions	Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.
Solubility overview	Soluble in water and in DMSO
Handling	Wherever possible, you should prepare 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. Toxic, refer to SDS for further information.

Need more advice on solubility, usage and handling? Please visit our [frequently asked questions \(FAQ\) page](#) for more details.

Source

Synthetic

Images



2D chemical structure image of ab145399, 9,10-Anthracenediyl-bis(methylene)dimalonic acid, singlett oxygen assay reagent

Chemical Structure - 9,10-Anthracenediyl-bis(methylene)dimalonic acid, singlett oxygen assay reagent (ab145399)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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- Response to your inquiry within 24 hours
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