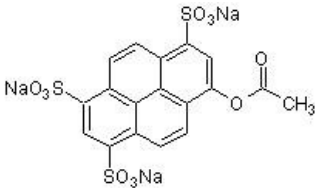


Product datasheet

8-Acetoxy pyrene-1,3,6-trisulfonic acid trisodium salt, Fluorogenic esterase substrate ab145400

1 Image

Overview

Product name	8-Acetoxy pyrene-1,3,6-trisulfonic acid trisodium salt, Fluorogenic esterase substrate
Description	Highly water soluble fluorogenic esterase substrate.
Biological description	Highly water soluble substrate for fluorometric assay of esterases at longer wavelengths.
Purity	> 98%
General notes	Fluorescence: λ_{ex} 460 nm; λ_{em} 510 nm in 0.1 M potassium phosphate pH 8.0, with esterase.
CAS Number	115787-83-2
Chemical structure	

Properties

Excitation	460nm
Emission	510nm
Chemical name	8-Acetyloxy pyrene-1,3,6-trisulfonate trisodium
Molecular weight	566.42
Molecular formula	C ₁₈ H ₉ Na ₃ O ₁₁ S ₃
PubChem identifier	13931984
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.

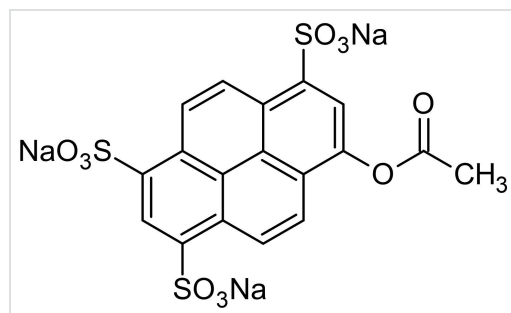
Need more advice on solubility, usage and handling? Please visit our [frequently asked questions \(FAQ\) page](#) for more details.

SMILES

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Source

Synthetic

Images

2D chemical structure image of ab145400, 8-Acetoxypyrene-1,3,6-trisulfonic acid trisodium salt, Fluorogenic esterase substrate

Chemical Structure - 8-Acetoxypyrene-1,3,6-trisulfonic acid trisodium salt, Fluorogenic esterase substrate (ab145400)

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

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