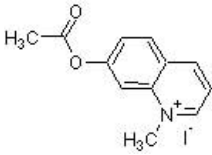


Product datasheet

AMQI (7-Acetoxy-1-methylquinolinium iodide), Fluorogenic cholinesterase substrate ab145345

Overview

Product name	AMQI (7-Acetoxy-1-methylquinolinium iodide), Fluorogenic cholinesterase substrate
Description	Fluorogenic cholinesterase substrate
Biological description	Fluorogenic cholinesterase substrate. Hydrolyses to highly fluorescent 7-hydroxy-1-methyl quinolinium iodide.
Purity	> 98%
CAS Number	7270-83-9
Chemical structure	

Properties

Excitation	403nm
Emission	403nm
Chemical name	(1-Methylquinolin-1-ium-7-yl) acetate iodide
Molecular weight	329.13
Molecular formula	C ₁₂ H ₁₂ INO ₂
PubChem identifier	9883921
Storage instructions	Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.
Solubility overview	Soluble in DMSO
Handling	<p>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.</p> <p>Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.</p>

SMILES	<chem>CC(=O)OC1=CC2=C(C=CC=[N+]2C)C=C1.[I-]</chem>
Source	Synthetic

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

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