

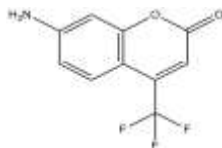
7-Amino-4-trifluoromethylcoumarin (AFC)

CATALOG #: 1077-100

AMOUNT: 100 mg

LOT #: _____

STRUCTURE:



FORMULA: C₁₀H₆NO₂F₃

MOL. WEIGHT: 229.2

FORM: Yellow powder

PURITY: >99% by TLC

SOLUBILITY: Soluble in methanol or DMSO (25 mg/ml)

STORAGE CONDITION: Store at room temperature as supplied. After reconstitution, store at -20°C. Stable for one year.

DESCRIPTION:

The free form of AFC can be used as a fluorescent marker and standard in fluorometric caspase assays. Prepare a 1 mM solution of AFC in methanol or DMSO and then dilute it into aqueous buffer at different concentrations within the 0-4 μM range. Read 100 μl/sample.

REFERENCES:

1. Fletcher, A., *et al.* (1977) *Appl. Phys.* **45**:295-299.
2. Bissel, E.R., *et al.* (1980) *J. Org. Chem.* **45**:2283-2289.

FOR RESEARCH USE ONLY! Not to be used in humans.

RELATED PRODUCTS:

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- Caspase Assay Kits & Reagents
- Mitochondrial Apoptosis Kits & Reagents
- Nuclear Apoptosis Kits & Reagents
- Apoptosis Inducers and Set
- Apoptosis siRNA Vectors

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- Nuclear/Cytosol Fractionation Kit
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- Cytosol/Particulate Rapid Separation Kit
- Mammalian Cell Extraction Kit
- FractionPREP Fractionation System

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- Bioluminescence Cytotoxicity Assay Kit
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