

## 7-Amino-4-trifluoromethylcoumarin (AFC)

<b>CATALOG #:</b>	1077-100
<b>AMOUNT:</b>	100 mg
<b>LOT #:</b>	_____
<b>FORMULA:</b>	C <sub>10</sub> H <sub>6</sub> NO <sub>2</sub> F <sub>3</sub>
<b>MOL. WEIGHT:</b>	229.2
<b>FORM:</b>	Yellow powder
<b>PURITY:</b>	>99% by TLC
<b>SOLUBILITY:</b>	Soluble in methanol or DMSO (25 mg/ml)
<b>STORAGE CONDITION:</b>	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. Solubilize the AFC powder in methanol or DMSO (1 mM) 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.
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**FOR RESEARCH USE ONLY! Not to be used in humans.**

### RELATED PRODUCTS:

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- Annexin V Kits & Bulk Reagents
- 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
- Membrane Protein Extraction Kit
- Cytosol/Particulate Rapid Separation Kit
- Mammalian Cell Extraction Kit
- FractionPREP Fractionation System

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- Bioluminescence Cytotoxicity Assay Kit
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