

7-Amino-4-trifluoromethylcoumarin (AFC)

CATALOG #:	1077-100
AMOUNT:	100 mg
LOT #:	_____
FORMULA:	C ₁₀ H ₆ NO ₂ F ₃
MOL. WEIGHT:	229.2
FORM:	Yellow powder
SOLUBILITY:	Soluble in methanol or DMSO (25 mg/ml)
PURITY:	>99% by TLC

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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