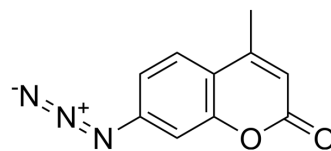


7-Azido-4-methylcoumarin

Cat. No.:	HY-119323		
CAS No.:	95633-27-5		
Molecular Formula:	C ₁₀ H ₇ N ₃ O ₂		
Molecular Weight:	201.18		
Target:	Others		
Pathway:	Others		
Storage:	Powder	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 50 mg/mL (248.53 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	4.9707 mL	24.8534 mL	49.7067 mL
5 mM	0.9941 mL	4.9707 mL	9.9413 mL
10 mM	0.4971 mL	2.4853 mL	4.9707 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

7-Azido-4-methylcoumarin is a fluorescent hydrogen sulfide (H₂S) probe. 7-Azido-4-methylcoumarin serves as a highly sensitive assay for cystathionine β-synthase activity^[1].

REFERENCES

[1]. Megan K Thorson, et al. Identification of cystathionine β-synthase inhibitors using a hydrogen sulfide selective probe. *Angew Chem Int Ed Engl.* 2013 Apr 22;52(17):4641-4.

Caution: Product has not been fully validated for medical applications. For research use only.

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