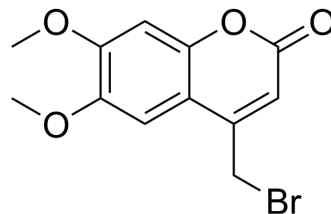


4-Bromomethyl-6,7-dimethoxycoumarin

Cat. No.:	HY-W269179
CAS No.:	88404-25-5
Molecular Formula:	C ₁₂ H ₁₁ BrO ₄
Molecular Weight:	299.12
Target:	Fluorescent Dye
Pathway:	Others
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 10 mg/mL (33.43 mM; ultrasonic and warming and heat to 70°C)

Preparing Stock Solutions	Solvent		1 mg	5 mg	10 mg
	Concentration	Mass			
	1 mM		3.3431 mL	16.7157 mL	33.4314 mL
	5 mM		0.6686 mL	3.3431 mL	6.6863 mL
	10 mM		0.3343 mL	1.6716 mL	3.3431 mL

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

BIOLOGICAL ACTIVITY

Description

4-Bromomethyl-6,7-dimethoxycoumarin is a fluorescent label for carboxylic acids in chromatographic detection^[1].

REFERENCES

[1]. Amet Y, et al. Simultaneous radiometric and fluorimetric detection of lauric acid metabolites using high-performance liquid chromatography following esterification with 4-bromomethyl-6,7-dimethoxycoumarin in human and rat liver microsomes. J Chromatogr B Biomed Appl. 1996 Jun 7;681(2):233-9.

[2]. R.Farinotti, et al. 4-Bromomethyl-6,7-dimethoxycoumarin as a fluorescent label for carboxylic acids in chromatographic detection. Journal of Chromatography A. Volume 269, 1983, Pages 81-90.

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

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