

Product Data Sheet

Product Name: AMC(7-Amino-4-methylcoumarin)

Cat. No.: GA11005

Chemical Properties

Cas. No. 26093-31-2

Chemical Name 7-amino-4-methylchromen-2-one

SMILES CC1=CC(=O)OC2=C1C=CC(=C2)N

Formula $C_{10}H_9NO_2$

M.Wt 175.2

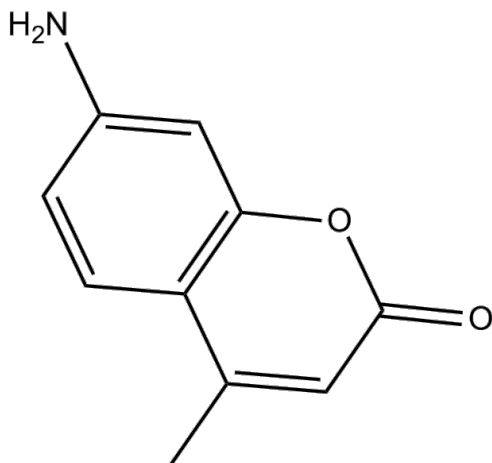
Solubility $\geq 17.5\text{mg/mL}$ in DMSO

Storage

General tips For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT, or blue ice upon request.

Structure



Background

7-amino-4-methylcoumarin (Coumarin 120) has been used as a fluorogenic probe for many serine proteases.

References:

[1]. Choi MG, et al. A fluorogenic method for measuring enteropeptidase activity: spectral shift in the

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

Product Data Sheet

emission of GD4K-conjugated 7-amino-4-methylcoumarin.BMB Rep. 2011 Jul;44(7):458-61.

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA