



Product Information

L-Serine 7-amido-4-methylcoumarin hydrochloride

Cat. No.: X24-11-LY057

Size: 10 mg; 25 mg; 50 mg; 100 g; 250 mg

MDL: MFCD00079565

CAS Number: 115918-60-0

Compound CID: 2733766

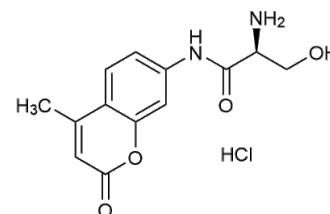
Synonym: 115918-60-0; L-Serine 7-amido-4-methylcoumarin hydrochloride; L-

Serine-7-amido-4-methylcoumarin hydrochloride;

(S)-2-Amino-3-hydroxy-N-(4-methyl-2-oxo-2H-chromen-7-yl)propanamide

hydrochloride

This product is for research use only and is not intended for diagnostic use.



Product Information

Description	L-Serine 7-amido-4-methylcoumarin hydrochloride is an AMC substrate.
Molecular Weight	298.72
Molecular Formula	C ₁₃ H ₁₅ ClN ₂ O ₄
IUPAC Name	(2S)-2-Amino-3-hydroxy-N-(4-methyl-2-oxochromen-7-yl)propanamide;hydrochloride
InChI	InChI=1S/C13H14N2O4.ClH/c1-7-4-12(17)19-11-5-8(2-3-9(7)11)15-13(18)10(14)6-16;/h2-5,10,16H,6,14H2,1H3,(H,15,18);1H/t10-;/m0./s1
InChI Key	RUMJTWLPLESCZ-PPHPATTJSA-N
SMILES string	CC1=CC(=O)OC2=C1C=CC(=C2)NC(=O)[C@H](CO)N.Cl
Moisture	≤2.0%
Form	Powder
Purity	≥95%
Identity	Confirmed by NMR and FT-IR.
Applications	L-Serine 7-amido-4-methylcoumarin hydrochloride can be used as an enzyme substrate for detecting L-serine dehydratase.
Storage	Store at -20°C.