

Analytical Data Sheet

Lot number 1000035953
not for drug use

Catalog number I-1265.1000

Product H-Met-AMC acetate salt

Product number 4002590.1000

Molecular formula (net) $C_{15}H_{18}N_2O_3S$

Molecular mass (average) 306.4

Tests	Results
Components	
Appearance	
Color	white
Physical form	powder
Visible impurities	none
Appearance	complies
Appearance of solution	
Clarity	clear
Color of solution	colorless
Visible impurities	none
Appearance of solution	complies [50 mg/mL in methanol]
Identification (TLC)	
R _f value	complies
Purity and related impurities (TLC)	
Purity	> 98%
AMC (7-amino-4-methylcoumarin)	< 0.1%
H-Met-OH	< 0.2%
Assay (elemental analysis)	
Assay (EA, as is)	82.2%
Water content (Karl Fischer volumetric)	
Water content	0.54%
Acetic acid content (HPLC)	
Acetic acid content	16.4%

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This Analytical Data Sheet is based on reviewed analytical data and is valid without handwritten signatures.

Date created: August 10, 2020