

## Typical Product Specifications & Properties

# L-Methionine, N-acetyl-

CAS Number: : 65-82-7

Specifications	Limits
Molecular weight	191.25
EINECS	200-617-7
SMILES	<chem>[C@@H](NC(=O)C)(C(=O)O)CCSC</chem>
InChI	XUYPXLNMDZIRQH-LURJTMIESA-N
InChIKey	1S/C7H13NO3S/c1-5(9)8-6(7(10)11)3-4-12-2/h6H,3-4H2,1-2H3,(H,8,9)(H,10,11)/t6-/m0/s1
Melting Point	103-106 °C
Storage Temperature	0-6°C
Refractive Index	-21 °C; (C=1, H2O)
BRN Number	1725552
Alpha	-20 ° (c=4 H2O)
Merck	14,96
Stability	Stable. Incompatible with strong oxidizing agents.

Specifications	Limits
Melting Point	105.5 &deg; C
log P (octanol-water)	-0.030
Water solubility	3.07E+05 mg/L
Atmospheric OH Rate Constant	2.66E-11 cm <sup>3</sup> /molecule-sec
Solubility	methanol: soluble 100mg/mL, clear, colorless