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Product Specifications

Catalogue Number 00777

Product **Boc-S-acetamidomethyl-L-cysteine**

Boc-L-Cys(Acm)-OH

(R)-3-(Acetylamino-methylsulfanyl)-2-tert-butoxycarbonylamino-propionic acid

CAS Number 19746-37-3

Molecular Formula C₁₁H₂₀N₂O₅S

Appearance White powder

Solubility Clear solution (0.3g in 2mL MeOH)

Melting Point 103-117° C

Water Content (Karl Fisher) ≤ 1%

Optical Rotation -29° ± 2° (c=1 in MeOH)

Infrared Spectrum Conforms to structure

Analysis by Mass Spectra Conforms to structure

Loss on Drying ≤ 1%

¹H NMR Conforms to structure

Purity by HPLC ≥ 98%

Purity by TLC ≥ 98%

Storage Store at 0-8°C

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For Laboratory Use Only