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Typical Product Specifications & Properties

L-Asparagine

CAS Number: : 70-47-3

Specifications	Limits
Molecular weight	132.12
EINECS	200-735-9
InChI	1S/C4H8N2O3/c5-2(4(8)9)1-3(6)7/h2H,1,5H2,(H2,6,7)(H,8,9)/t2-/m1/s1
InChIKey	DCXYFEDJOCDNAF-UWTATZPHSA-N
Melting Point	235 °C (dec.)
Water solubility	20 g/L (20 °C)
BRN Number	1723527
Alpha	34.5 ° (c=10, 2N HCl)
Solubility	H2O: 0.1 M at 20 °C, clear, colorless
Stability	Stable, but may be moisture-sensitive. Incompatible with strong oxidizing agents.
Merck	14,837
Storage Temperature	Store at 0-5°C



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Specifications	Limits
Density	1,543g/cm
Sensitive	Hygroscopic



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