

## **D-Asparagine tert-Butyl Ester**

Art. ID	TRC-A788820-1G
Unit	1 g
Deliverydetails	No Dangerous Good

### Description

Category: Amines, Amino Acids and Derivatives, Chiral Reagents, Pharmaceuticals, Intermediates and Fine Chemicals /// Application Notes: D-Asparagine tert-butyl ester hydrochloride is a protected form of D-Asparagine (A788960). D-Asparagine is an isomer of L-Asparagine (A790005) and is used by bacteria (such as *Saccharomyces cerevisiae*) as a sole nitrogen source for replication. L-Asparagine is also a competitive inhibitor of staphylococcal L-asparaginase and is used as a reagent to synthesize peptide antibiotics. /// References: Jones, G.: J. Bacteriol., 130, 128 (1977)| Perlman, D. & Bodanszey, M.: Ann. Rev. Biochem., 40, 449 (1971)| Sobis, M. & Mikucki, J.: Acta Microbiol. Polon., 40, 143 (1990)

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	D-Asparagine tert-Butyl Ester	[72287-71-9]				