

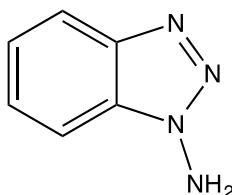
Catalog # 10-2508

1-Aminobenzotriazole

CAS# 1614-12-6

ABT; 1-Benzotriazolylamine; NSC-114498

Lot # X101230



A pan-specific cytochrome P450 inhibitor acting as a suicide substrate.^{1,2} Blocks omega-oxidation of arachidonic acid but not its epoxidation.³ A pan-specific cytochrome P450 inhibitor acting as a suicide substrate.^{1,2} Blocks omega-oxidation of arachidonic acid but not its epoxidation.³

- 1) Mugford *et al.* (1995), *1-Aminobenzotriazole-Induced Destruction of Hepatic and Renal Cytochrome P450 in Male Sprague-Dawley Rats*; *Fundam. Appl. Tox.*, **19** 43
- 2) Emoto *et al.* (2005), *In Vitro Inhibitory Effect of 1-Aminobenzotriazole on Drug Oxidations in Human Liver Microsomes: A Comparison With SKF-525A*; *Drug Metab. Pharmacokinet.*, **20** 351
- 3) Su *et al.* (1998), *Inhibition of Renal Arachidonic Acid Omega-Hydroxylase Activity With ABT Reduces Blood Pressure in the SHR*; *Am. J. Physiol.*, **275** R426

PHYSICAL DATA

Molecular Weight:	134.14
Molecular Formula:	C ₆ H ₆ N ₄
Purity:	>98% by HPLC
	NMR: (Conforms)
Solubility:	DMSO (up to 30 mg/ml)
Physical Description:	Off-white solid
Storage and Stability:	Store as supplied at -20°C for up to 1 year from the date of purchase. Solutions in DMSO may be stored at -20°C for up to 1 month.

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