



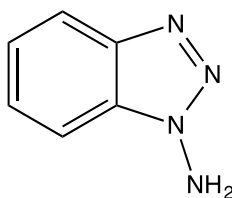
Catalog # 10-2508

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.

Materials provided by Focus Biomolecules are for laboratory research use only and are not intended for human or veterinary applications.

Focus Biomolecules LLC 400 Davis Dr. Suite 600 Plymouth Meeting, PA 19462

www.focusbiomolecules.com