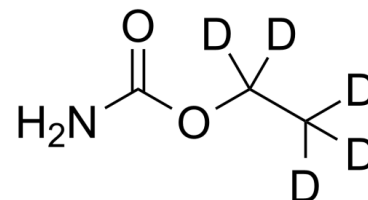


Data Sheet

Product Name:	Urethane-d5
Cat. No.:	CS-0213823
CAS No.:	73962-07-9
Molecular Formula:	C ₃ H ₂ D ₅ NO ₂
Molecular Weight:	94.12
Target:	Bacterial; Parasite
Pathway:	Anti-infection
Solubility:	DMSO : 100 mg/mL (1062.47 mM; Need ultrasonic)



References:

- [1]. Russak EM, et al. Impact of Deuterium Substitution on the Pharmacokinetics of Pharmaceuticals. *Ann Pharmacother.* 2019;53(2):211-216.
- [2]. K J Field, et al. Hazards of urethane (ethyl carbamate): a review of the literature. *Lab Anim.* 1988 Jul;22(3):255-62.; R E Sotomayor, et al. Mutagenicity, metabolism, and DNA interactions of urethane. *Toxicol Ind Health.* 1990 Jan;6(1):71-108.

CAIndexNames:

Ethan-d5-ol, carbamate

SMILES:

NC(OC([2H])([2H])C([2H])([2H])[2H])=O

Caution: Product has not been fully validated for medical applications. For research use only.

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