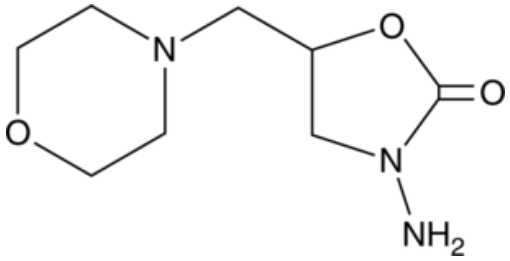
Product Data Sheet

Product Name: AMOZ
Cat. No.: GC52059

Chemical Properties

Cas. No.	43056-63-9		
SMILES	O=C(O1)N(N)CC1CN2CCOCC2		
Formula	C8H15N3O3	M.Wt	201.2
Solubility	DMF: 2 mg/ml,DMSO: 2 mg/ml,Ethanol: insol,PBS (pH 7.2): 10 mg/ml	Storage	Store at -20°C
General tips	For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while.Stock solution can be stored below -20°C for several months.		
Shipping Condition	Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.		

Structure



Background

AMOZ is a metabolite of the nitrofuran antibiotic furaltadone. [1]

1.Verdon, E., Couedor, P., and Sanders, P.Multi-residue monitoring for the simultaneous determination of five nitrofurans (furazolidone, furaltadone, nitrofurazone, nitrofurantoine, nifursol) in poultry muscle tissue through the detection of their five major metabolites (AOZ, AMOZ, SEM, AHD, DNSAH) by liquid chromatography coupled to electrospray tandem mass spectrometry--in-house validation in line with commission decision 657/2002/ECAnal. Chim. Acta586(1-2)336-347(2007)

Caution: Product has not been fully validated for medical applications. For research use only.
Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com
Address: 10292 Central Ave. #205, Montclair, CA, USA

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