

Product Datasheet

1-Methyl-hydantoin (orb1221111)

Catalog Number	orb1221111
Category	Small Molecules
Description	1-Methylhydantoin is a small molecular weight polar substance the product of degradation of creatinine by bacteria. In mammals the metabolism of 1-methylhydantoin occurs via 5-hydroxy-1-methylhydantoin. In a reported human case 1-Methylhydantoin was found as an unexpected metabolite of the intelligence-affecting substance dupracetam.
Target	Others
Purity	>98% (HPLC)
MW	114.1
Solubility (25°C)	DMSO:200 mM
CAS Number	616-04-6
Formula	C ₄ H ₆ N ₂ O ₂
SMILES	CN1CC(=O)NC1=O
Storage	Storage temperature: -20°C. Stability: ≥ 2 years
Note	For research use only
Expiration Date	12 months from date of receipt.

Biorbyt Ltd.

7 Signet Court, Swann Road
Cambridge
CB5 8LA
United Kingdom

Email: info@biorbyt.com, support@biorbyt.com
Phone: [+44 \(0\)1223 859353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

Biorbyt LLC

68 TW Alexander Drive
Research Triangle Park
Durham
NC 27713
United States

Email: info@biorbyt.com, support@biorbyt.com
Phone: [+1 \(415\) 906-5211](tel:+1(415)906-5211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)