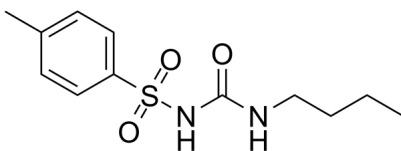


Certificate of Analysis

Catalog Number	BP12781
Product Name	Tolbutamide

Physical and Chemical Properties

Synonyms	HLS 831
CAS No.	64-77-7
Chemical Formula	C ₁₂ H ₁₈ N ₂ O ₃ S
Molecular Weight	270.35
Solubility	Ethanol: 50 mg/mL (184.9 mM) DMSO: 50 mg/mL (184.9 mM)
Storage	Powder: -20°C for 2 years In solvent: -80°C for 1 year
Chemical Structure OR Tested Image	

Product Information

Description	Tolbutamide is a sulphonylurea hypoglycemic agent with actions and uses similar to those of CHLORPROPAMIDE.
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Targets&IC50	cyclic AMP-stimulated protein kinase:4 mM
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Analytical Data

HPLC	Shows Min >99% purity
H-NMR	Consistent with structure
Stability and Solubility Advice	Information on product stability, especially in solution, has rarely been reported and in most cases we can only provide a general guideline. We recommend that once the stock solution has been prepared, it be stored in equal quantities in sealed vials and used within 1 month. Avoid repeated freezing and thawing cycles. Storage conditions for some special products should be referred to their storage details.

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