

Certificate of Analysis

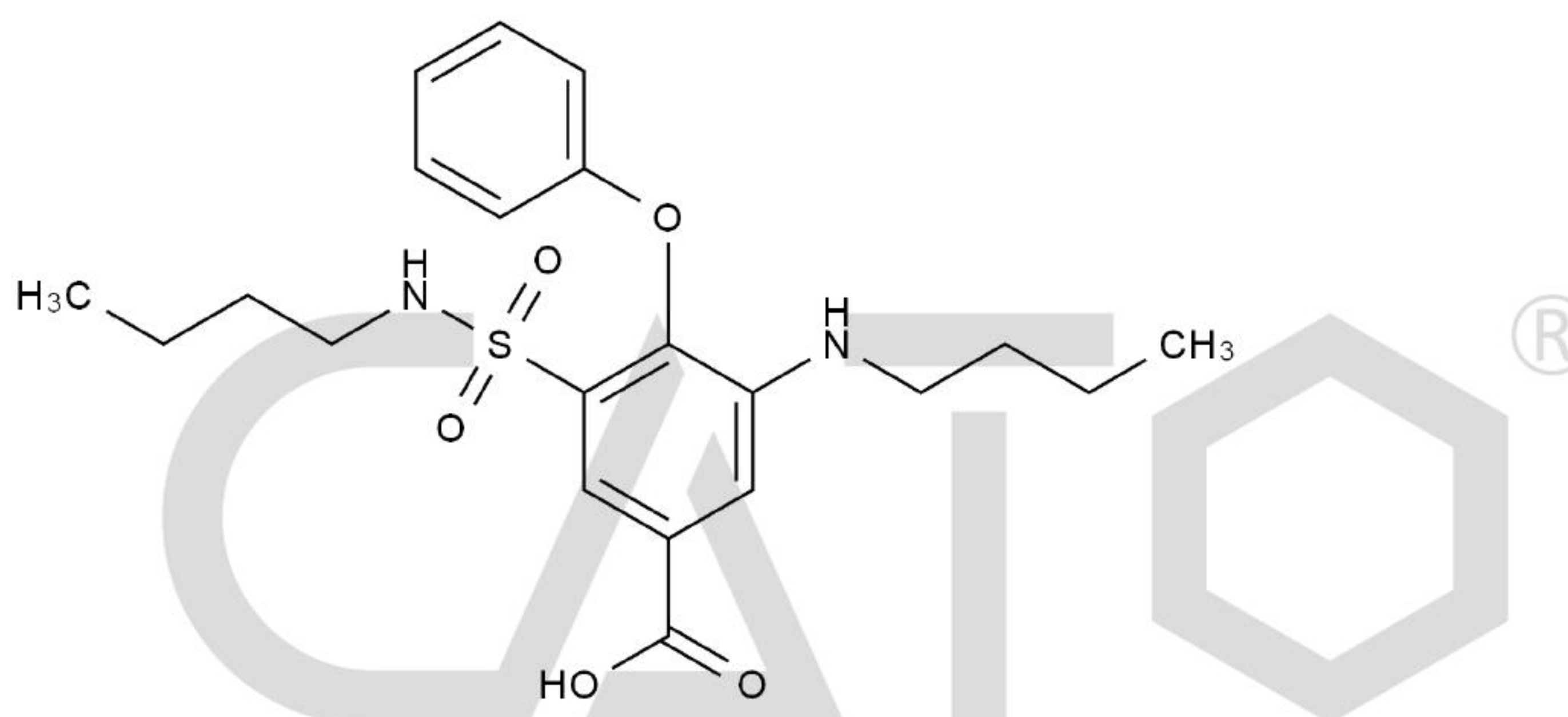
Reference Material & Standard

Product Name:	Bumetanide Impurity N1	Catalogue Number:	CP131714
Synonyms:	N/A	Lot Number:	0916-RG-0061
CAS Number:	28469-01-4	Expiry Date:	Sep 16, 2029
Molecular Formula:	C ₂₁ H ₂₈ N ₂ O ₅ S	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	420.52		

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	100.000%
Loss On Drying	TGA	0.1435%
Assay		99.9%

Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Loss On Drying) * Purity HPLC (%) / 100%

Loss On Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Sep 17, 2025

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