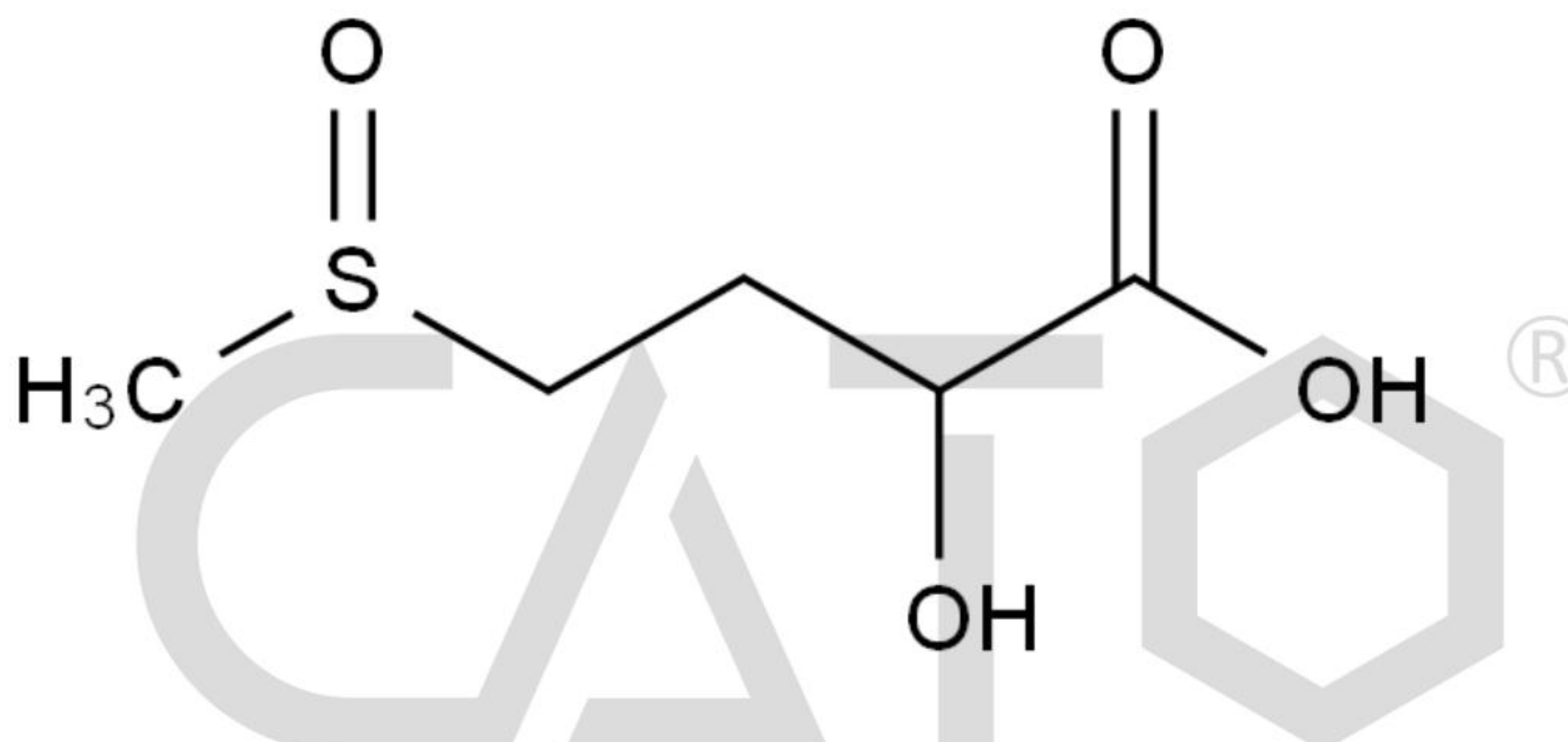


Certificate of Analysis

Reference Material & Standard

Product Name:	Adenosine Impurity 13	Catalogue Number:	C4X-241913
Synonyms:	2-hydroxy-4 - (methylsulfinyl) butyric acid; Hydantoin Impurity	Lot Number:	0428-RF-0064
CAS Number:	49540-14-9	Expiry Date:	Mar 04, 2028
Molecular Formula:	C ₅ H ₁₀ O ₄ S	Storage:	-20°C ± 5°C Protected from light and Sealed
Molecular Weight:	166.20		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Colourless Sticky Liquid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.627%
Loss On Drying	TGA	4.222%
Assay		94.5%

Comment:

The calculation of the 100% 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: Mar 05, 2025

Date: Mar 05, 2025

Date: Mar 05, 2025

