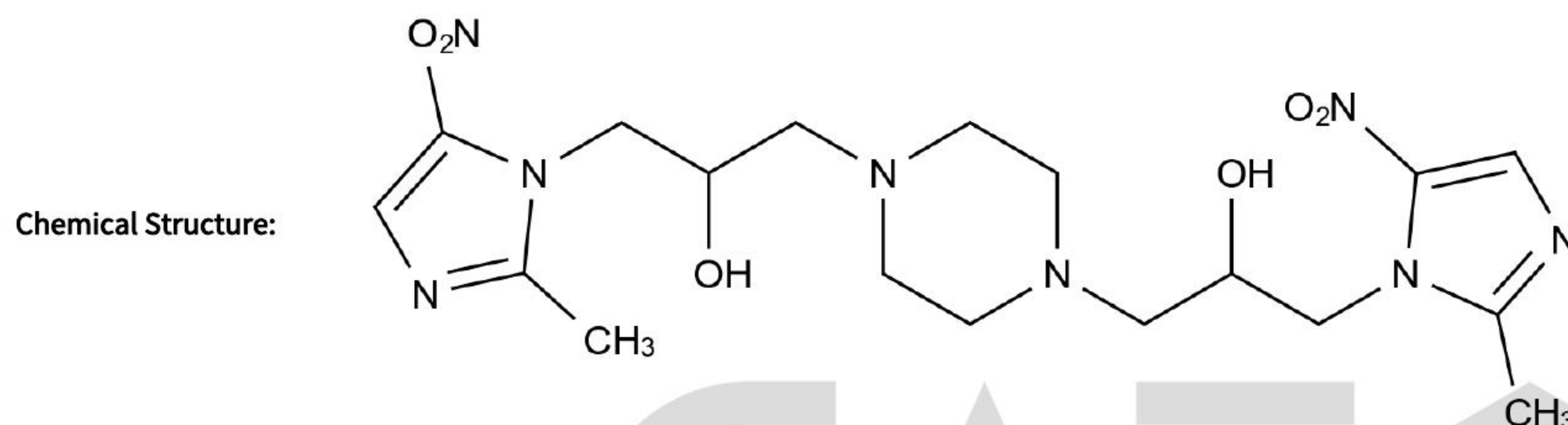


Certificate of Analysis

Reference Material & Standard

Product Name:	3,3'-(piperazine-1,4-diyl)bis(1-(2-methyl-5-nitro-1H-imidazol-1-yl)propan-2-ol)	Catalogue Number:	C3D-26162
Synonyms:	N/A	Lot Number:	1216-RG-0018
CAS Number:	157493-58-8	Expiry Date:	Dec 14, 2027
Molecular Formula:	C ₁₈ H ₂₈ N ₈ O ₆	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	452.46	Shipping Condition:	Shipping with Ice Packs



Test Items	Method	Results
Appearance	Visual inspection	Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	96.5%
Assay	qNMR	92.0%

Signature:

Prepared by:

Hin lam

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Dec 18, 2025

Date: Dec 18, 2025

Date: Dec 18, 2025



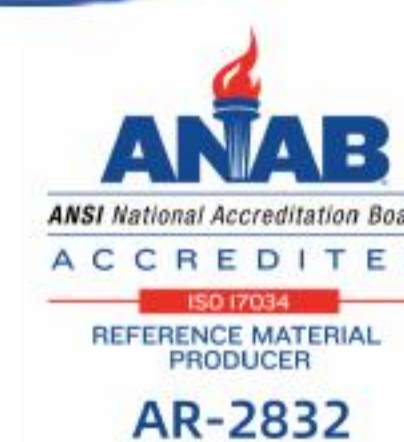
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