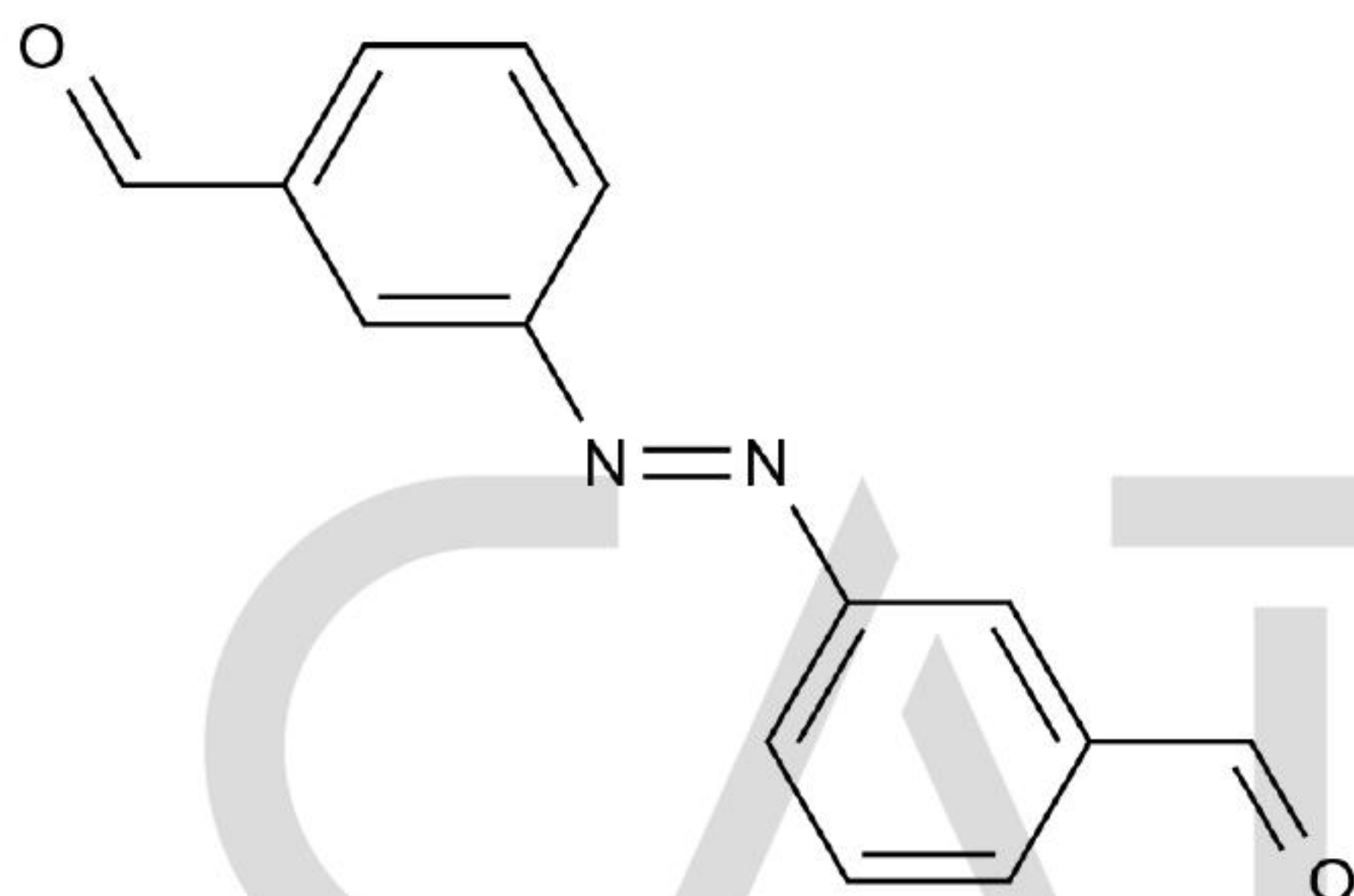


Certificate of Analysis

Reference Material & Standard

Product Name:	(E)-3,3'-(diazene-1,2-diyl)dibenzaldehyde	Catalogue Number:	C3D-262534
Synonyms:	N/A	Lot Number:	1102-RG-0007
CAS Number:	52805-50-2	Expiry Date:	Nov 04, 2029
Molecular Formula:	C ₁₄ H ₁₀ N ₂ O ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	238.24	Shipping Condition:	Shipping at Room Temperature
Solubility:	Acetonitrile		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Orange Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	95.309%
Loss On Drying	TGA	0.1377%
Assay		95.2%

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: Nov 05, 2025

Date: Nov 05, 2025

Date: Nov 05, 2025



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