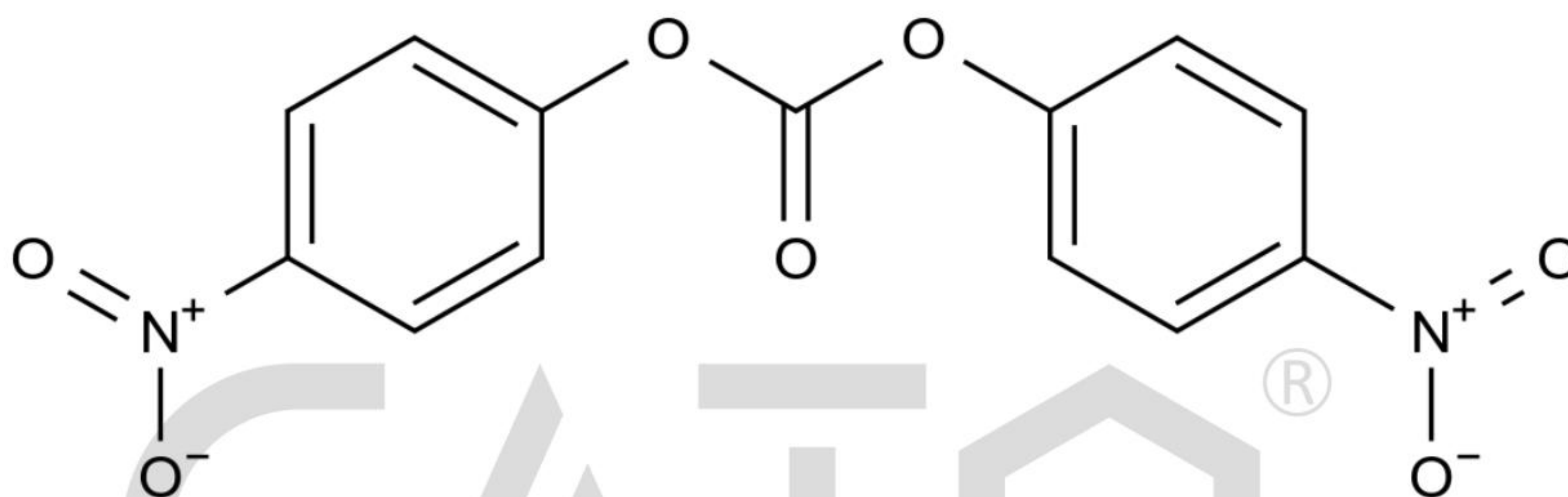


Certificate of Analysis

Reference Material & Standard

Product Name:	Bis(4-nitrophenyl) carbonate	Catalogue Number:	C3D-6093
Synonyms:	N/A	Lot Number:	0829-RG-0071
CAS Number:	5070-13-3	Expiry Date:	Aug 28, 2029
Molecular Formula:	C ₁₃ H ₈ N ₂ O ₇	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	304.21		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&IR&UV&HNMR	Confirmed
Purity	HPLC	92.510%
Loss On Drying	TGA	0.0505%
Assay		92.5%

Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

$\text{Assay (\%)} = (100\% - \text{Loss On Drying}) * \text{Purity HPLC (\%)} / 100\%$

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

Signature:

Prepared by:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Aug 29, 2025

Date: Aug 29, 2025

Date: Aug 29, 2025

