

Certificate of Analysis

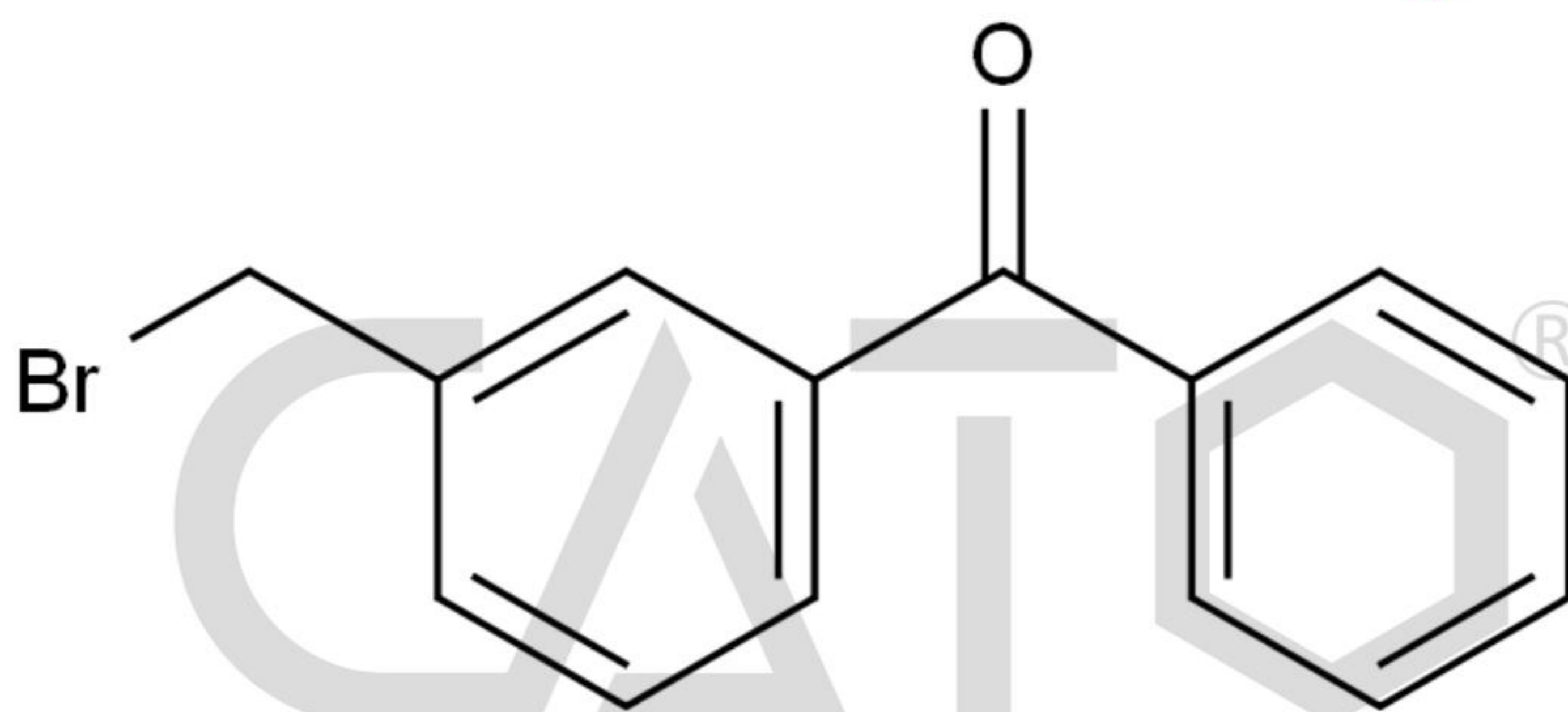
Reference Material & Standard

Product Name:	3-Benzoylbenzyl Bromide	Catalogue Number:	CCAD301681
Synonyms:	N/A	Lot Number:	0216-RD-0005
CAS Number:	22071-24-5	Expiry Date:	Feb 27, 2026
Molecular Formula:	C ₁₄ H ₁₁ BrO	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	275.14	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	94.0725%
Loss on Drying	TGA	0.4246%
Assay	qNMR	92.3%
Uncertainty		±2.0%

Comment:

1. Assay was determined by quantitative 1H-NMR.
2. The uncertainty values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Signature:

Prepared by:

Debia

Reviewed by:

Xenia

Approved by General Manager:

David

Date: Feb 28, 2022

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