

Certificate of Analysis

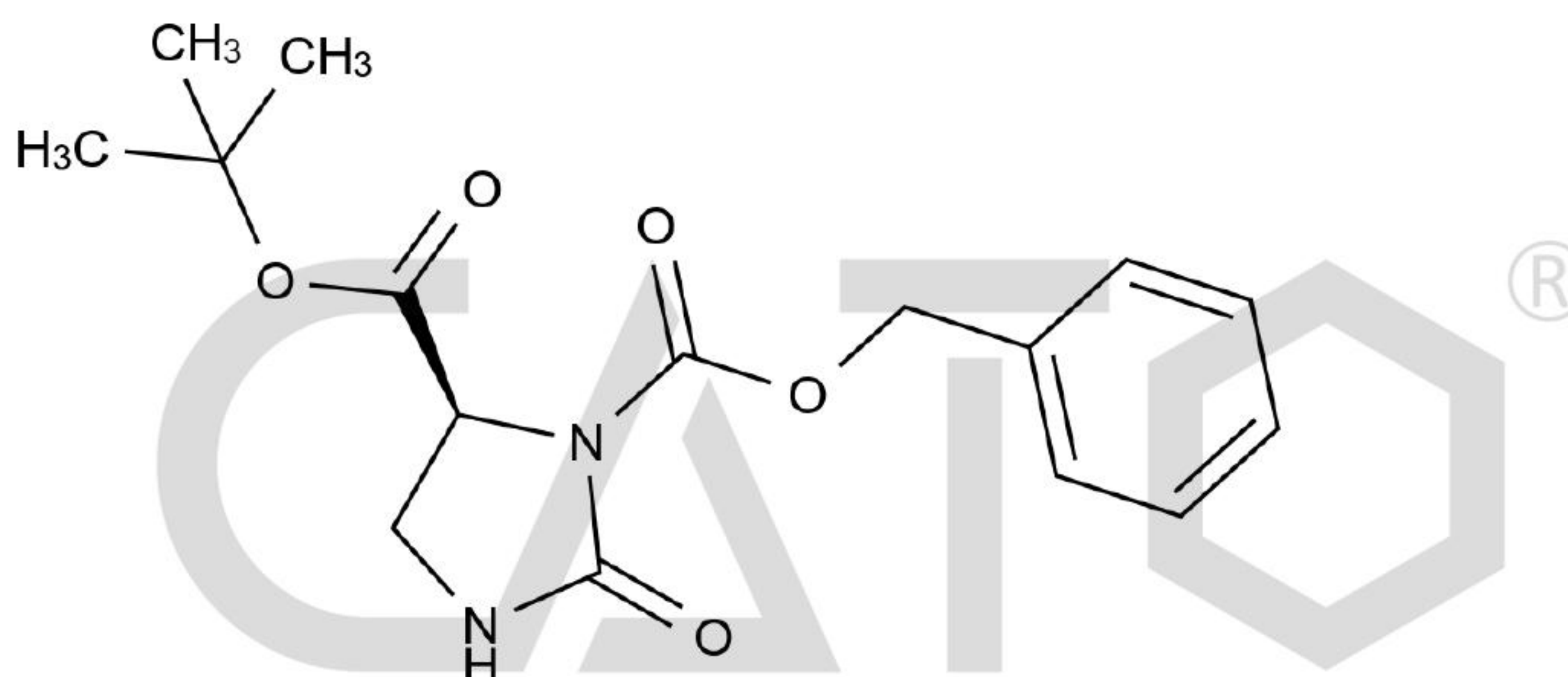
Reference Material & Standard

Product Name:	1-Benzyl 5-(tert-butyl) (S)-2-oxoimidazolidine-1,5-dicarboxylate	Catalogue Number:	C1543358
Synonyms:	N/A	Lot Number:	0128-RH-0066
CAS Number:	77999-24-7	Expiry Date:	Feb 01, 2030
Molecular Formula:	C ₁₆ H ₂₀ N ₂ O ₅	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	320.34	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	97.806%
Loss On Drying	TGA	0.1335%
Assay		97.7%

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: Feb 02, 2026

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