

Certificate of Analysis

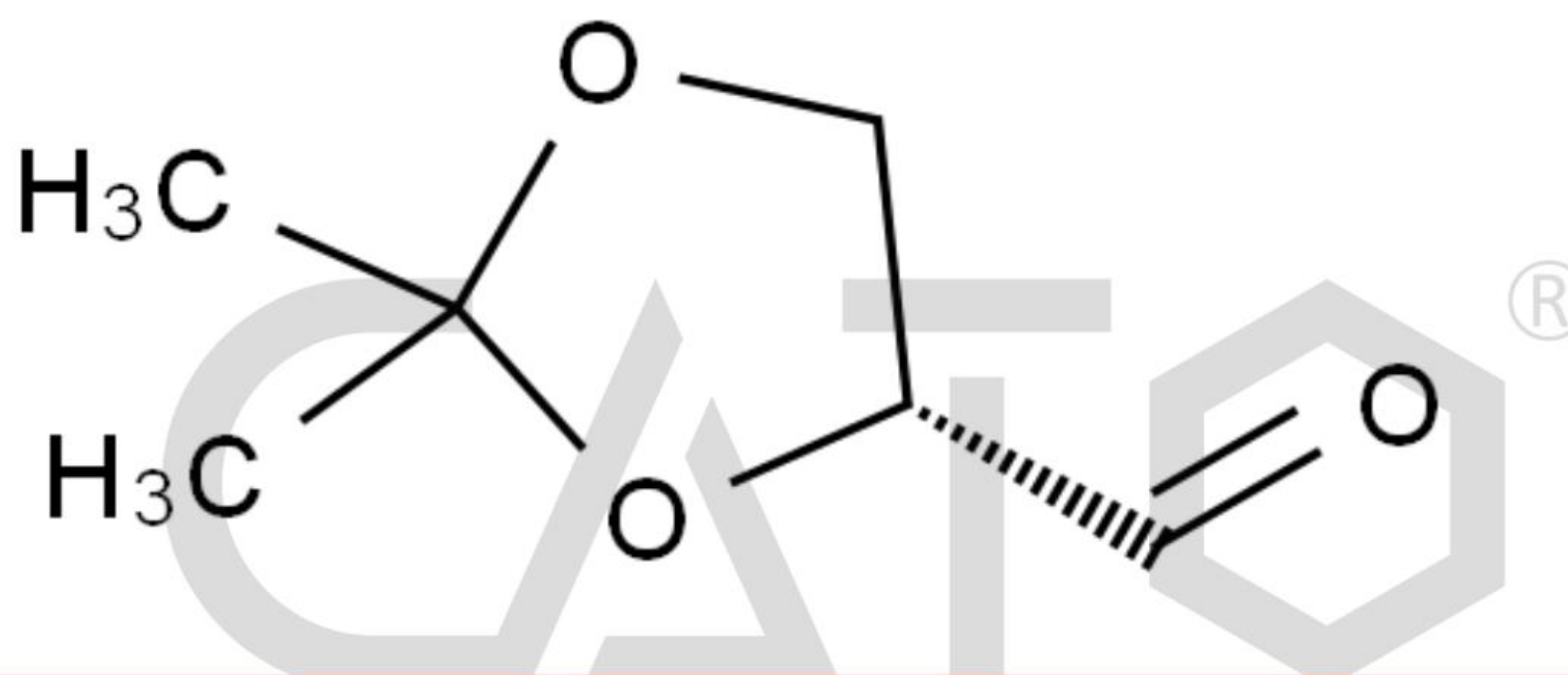
Reference Material & Standard

Product Name:	Gemcitabine Impurity 19	Catalogue Number:	C4X-137219
Synonyms:	(R)-(+)-2,2-Dimethyl-1,3-dioxolane-4-carboxaldehyde	Lot Number:	1123-RG-0039
CAS Number:	15186-48-8	Expiry Date:	Nov 26, 2029
Molecular Formula:	C ₆ H ₁₀ O ₃	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	130.14	Shipping Condition:	Shipping with Ice Packs

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Sticky Solid
Identification	GCMS&HNMR	Confirmed
Purity	GC	98.1%

Signature:

Prepared by:

Yuki

Reviewed by:

Ko

Approved by General Manager:

David

Date: Nov 27, 2025

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Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: supports@cato-chem.com

Web: <https://www.cato-chem.com>

