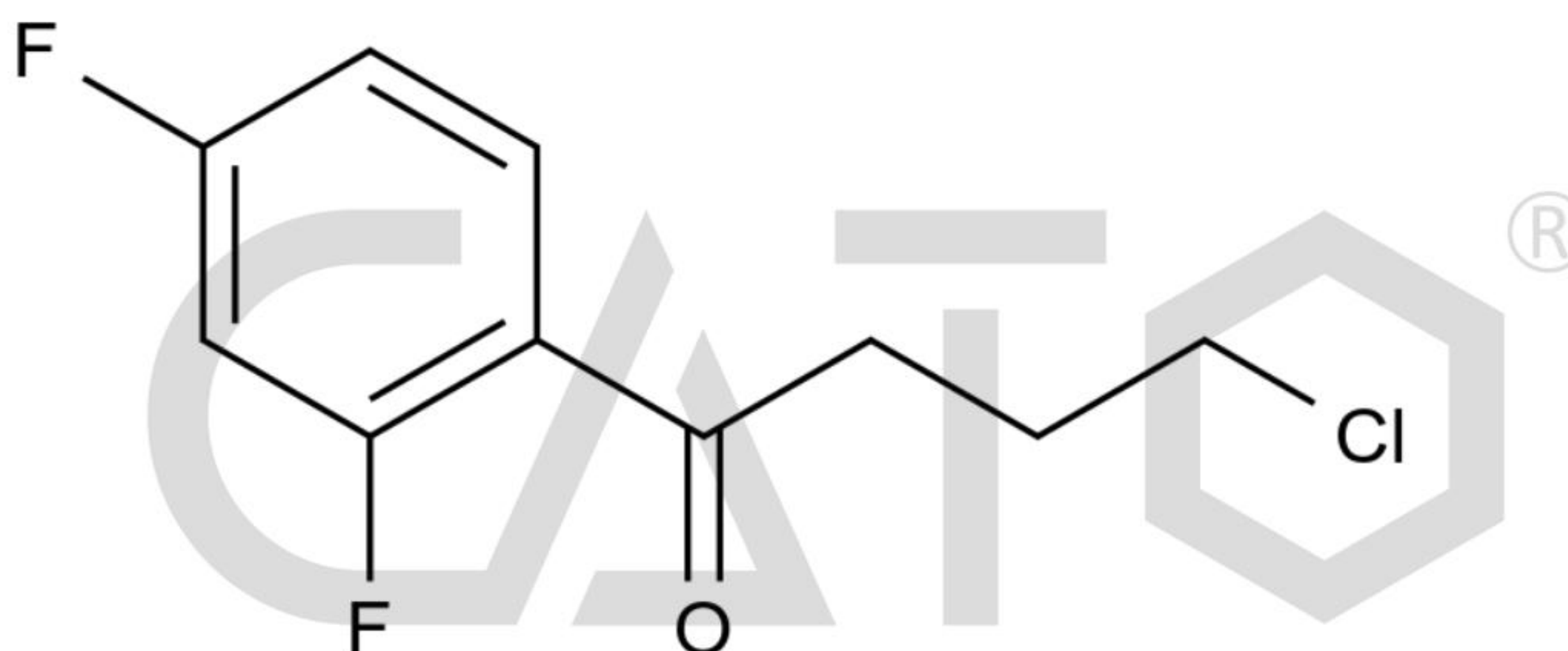


Certificate of Analysis

Reference Material & Standard

Product Name:	4-Chloro-1-(2,4-difluorophenyl)butan-1-one	Catalogue Number:	C1717435
Synonyms:	N/A	Lot Number:	1120-RG-0115
CAS Number:	50528-16-0	Expiry Date:	Nov 25, 2029
Molecular Formula:	C ₁₀ H ₉ ClF ₂ O	Storage:	Room Temp Protected from light and Sealed
Molecular Weight:	218.63	Shipping Condition:	Shipping at Room Temperature
Solubility:	Acetonitrile	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Liquid
Identification	GCMS&HNMR	Confirmed
Purity	HPLC	99.622%
Water Content	Karl Fischer	0.5579%
Assay		99.1%

Comment:

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

$Assay (\%) = (100\% - Water\ Content) * Purity\ HPLC (\%) / 100\%$

Water Content 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 26, 2025

Date: Nov 26, 2025

Date: Nov 26, 2025



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