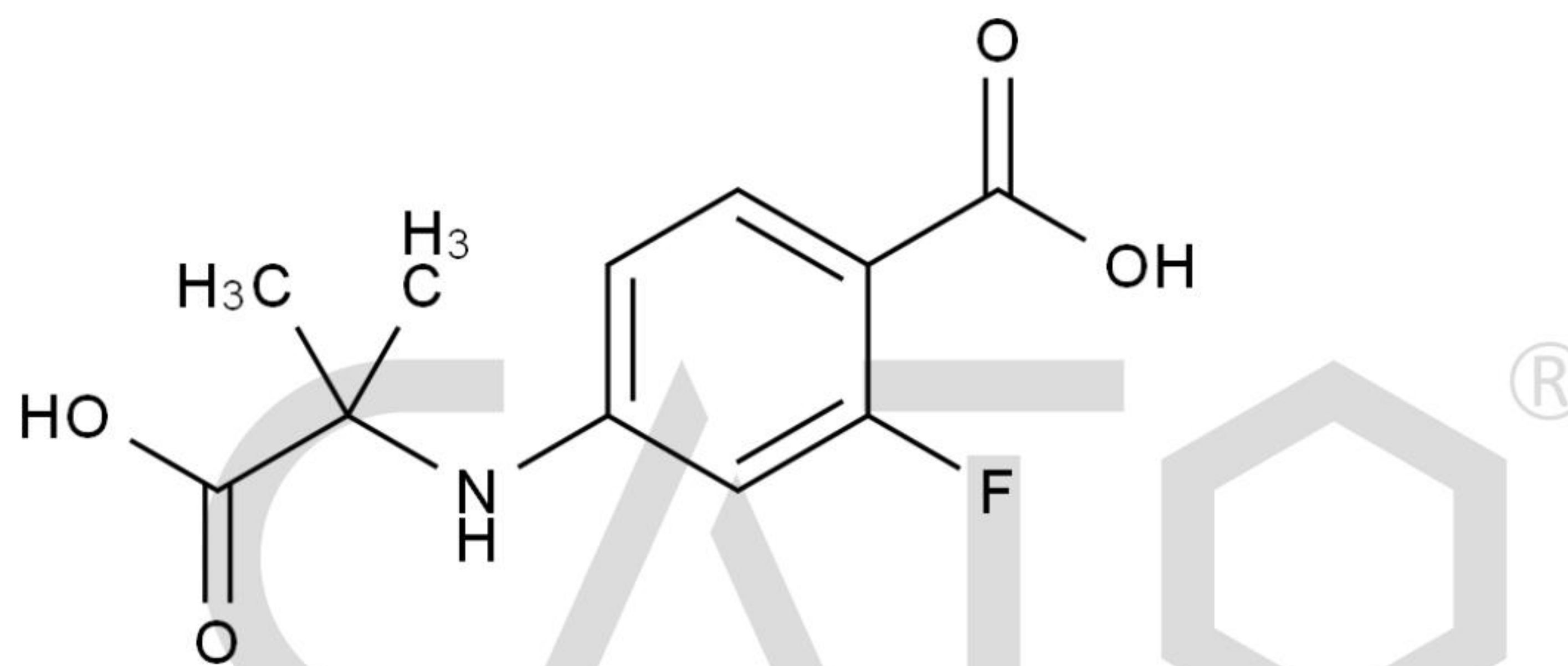


Certificate of Analysis

Reference Material & Standard

Product Name:	Enzalutamide Impurity 6	Catalogue Number:	C4X-10166
Synonyms:	4-[(2-Carboxy-2-propenyl)amino]-2-fluorobenzoic acid	Lot Number:	0407-RH-0163
CAS Number:	1332524-02-3	Expiry Date:	Apr 20, 2030
Molecular Formula:	C ₁₁ H ₁₂ FNO ₄	Storage:	2°C ~ 8°C Sealed
Molecular Weight:	241.22	Shipping Condition:	Shipping at Room Temperature
Solubility:	Soluble in Acetonitrile and DMSO		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&IR&CNMR&HNMR	Confirmed
Purity	HPLC	99.391%
Residue on Ignition	TGA	0.4011%
Loss on Drying	TGA	0.2621%
Assay	qNMR	97.9%
Assay	Mass Balance	98.7%

Comment:

- The retest date of this product is Apr 20, 2029.
- The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

$$\text{Assay (\%)} = (100\% - \text{Residue on Ignition} - \text{Loss on Drying}) * \text{Purity HPLC (\%)} / 100\%$$
Residue on Ignition and Loss on Drying are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Koi

Reviewed by:

Alice

Approved by General Manager:

David

Date: Apr 21, 2026

Date: Apr 21, 2026

Date: Apr 21, 2026



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>

