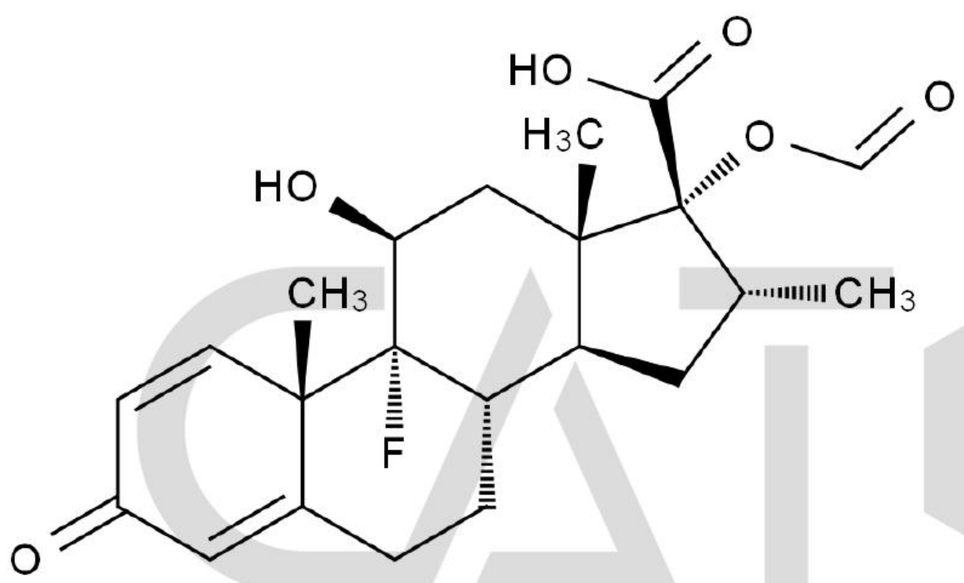
Certificate of Analysis

Reference Material & Standard

Product Name:	Dexamethasone 17-Formyloxy-17-Acid	**Catalogue Number:**	C4X-116534
Synonyms:	N/A	**Lot Number:**	1015-RH-0025
CAS Number:	473273-04-0	**Expiry Date:**	Oct 18, 2030
Molecular Formula:	$C_{22}H_{27}FO_6$	**Storage:**	-20°C±5°C Protected from light and Sealed
Molecular Weight:	406.44	**Shipping Condition:**	Shipping with Ice Packs
Solubility:	Acetonitrile		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	96.047%
Loss on Drying	TGA	0.3465%
Assay	Mass Balance	95.7%

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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: Alice Date: Oct 19, 2026

Reviewed by: Koi Date: Oct 19, 2026

Approved by General Manager: David Date: Oct 19, 2026

CATO Research Chemicals Inc.