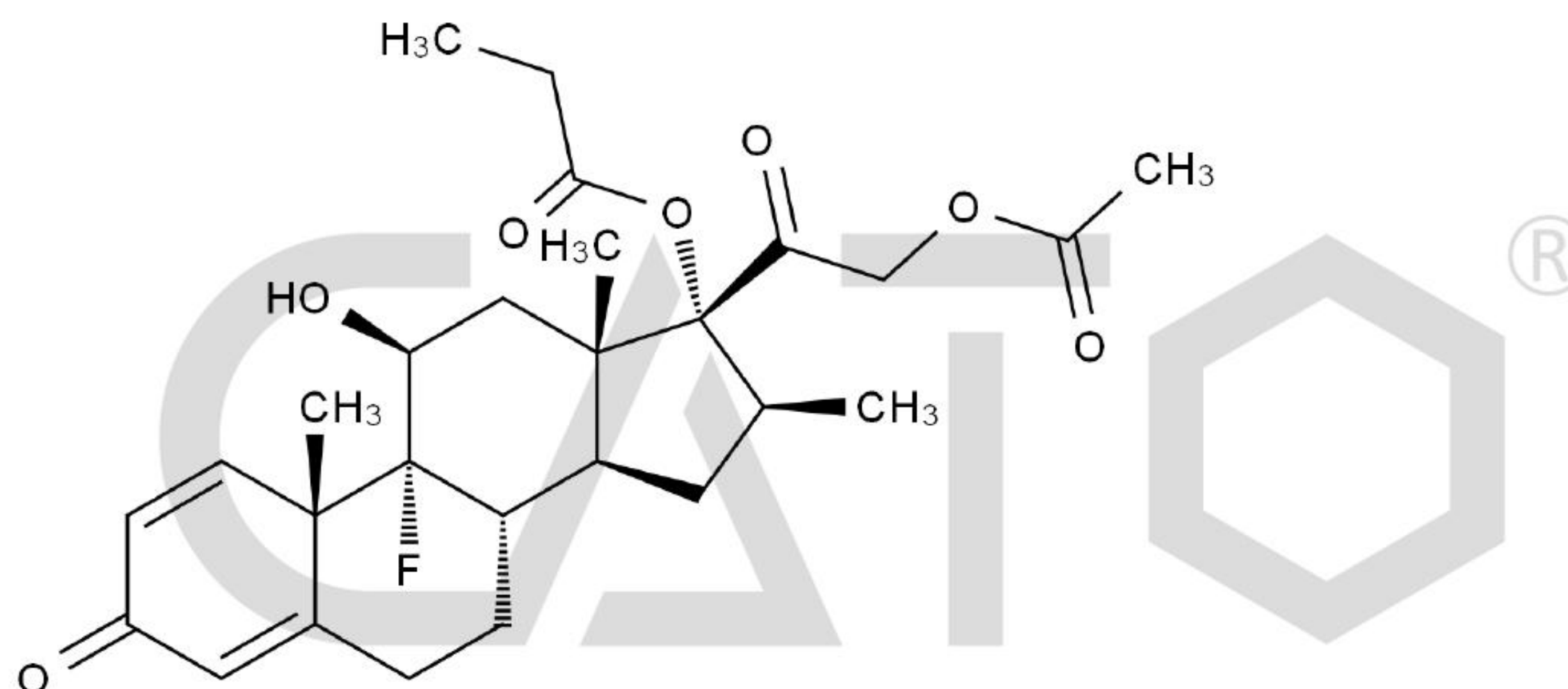


Certificate of Analysis

Reference Material & Standard

Product Name:	Betamethasone Dipropionate EP Impurity D	Catalogue Number:	C4X-143715
Synonyms:	Betamethasone 21-Acetate 17-Propionate	Lot Number:	0827-RH-0047
CAS Number:	5514-81-8	Expiry Date:	Aug 31, 2030
Molecular Formula:	C ₂₇ H ₃₅ FO ₇	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	490.56	Shipping Condition:	Shipping with Ice Packs
Solubility:	Acetonitrile		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&IR&UV&CNMR&HNMR	Confirmed
Purity	HPLC	98.753%
Loss on Drying	TGA	0.6028%
Assay		98.2%

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: Sep 01, 2026

Date: Sep 01, 2026

Date: Sep 01, 2026



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