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## CERTIFICATE OF ANALYSIS

Analysis Date: Feb 2026

Re-test Date: Jan 2029

**Product Name: Methylprednisolone Hydrogen Succinate EP Impurity B**

### Identification:

Chemical Name: 4-(((6S,8S,9S,10R,11S,13S,14S,17R)-11-hydroxy-17-(2-hydroxyacetyl)-6,10,13-trimethyl-3-oxo-6,7,8,9,10,11,12,13,14,15,16,17-dodecahydro-3H-cyclopenta[a]phenanthren-17-yl)oxy)-4-oxobutanoic acid

Synonyms : Methylprednisolone  
Hemisuccinate USP Related  
Compound B ;  
Methylprednisolone 17-  
Hydrogen Succinate

CAS Number : 77074-42-1

CAT Number : CP-M14022

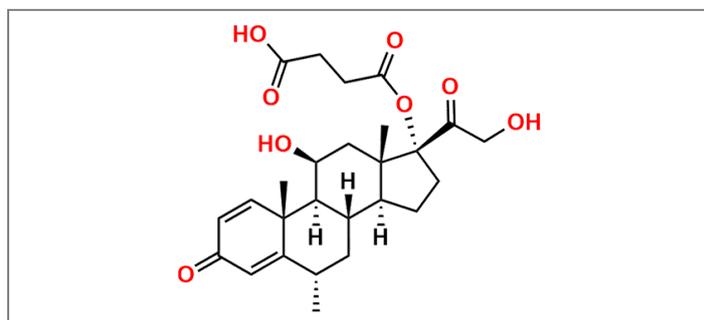
Molecular Formula : C<sub>26</sub>H<sub>34</sub>O<sub>8</sub>

Molecular Weight : 474.54

Batch Number : CP-MEP-B-0226

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



### Analytical Information:

Sr. No.	Test	Result
1)	Description	Off White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	98.39%
5)	<sup>1</sup> H NMR	Confirm to structure
6)	IR	Confirm to Structure



**Prepared and Reviewed By**

Ms Priyanka Salunkhe  
(Quality Control)

**Approved By**

Ms Rohini Gagare  
(Quality Assurance)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.