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## CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Apremilast N-formyl Impurity**

### Identification:

Chemical Name: N-[2-[(1S)-1-(3-Ethoxy-4-methoxyphenyl)-2-(methylsulfonyl)ethyl]-2,3-dihydro-1,3-dioxo-1H-isoindol-4-yl]-formamide

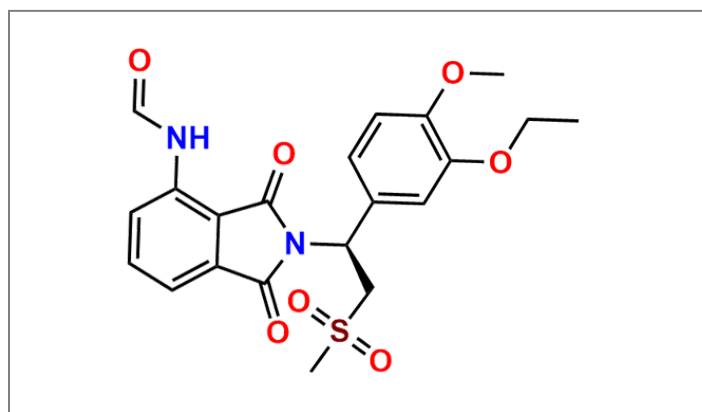
Synonyms : N-Desacetyl-N-formyl  
Apremilast

CAS Number : 2077897-94-8

CAT Number : CP-A77041

Molecular Formula : C<sub>21</sub>H<sub>22</sub>N<sub>2</sub>O<sub>7</sub>S

Molecular Weight : 446.47



### Analytical Information:

Sr. No.	Test	Result
1)	Description	Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	>95%
5)	H1NMR	Confirm to structure



**Prepared and Reviewed By**

Ms Priyanka Salunkhe  
(Manager QC Analytical)

**Approved By**

Ms Rohini Gagare  
(QA Head)

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