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## CERTIFICATE OF ANALYSIS

Analysis Date: Dec 2025

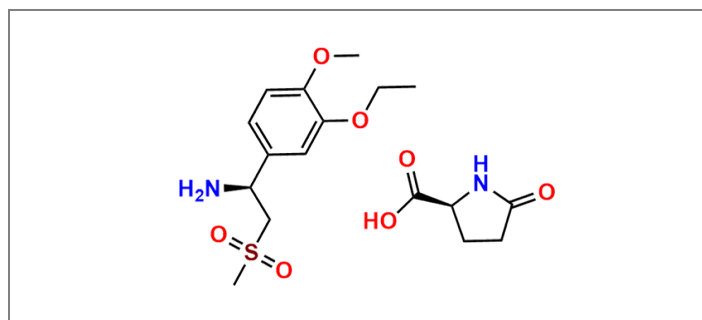
Re-test Date: Nov 2028

**Product Name: Apremilast Impurity 77**

### Identification:

Chemical Name: (S)-1-(3-Ethoxy-4-methoxyphenyl)-2-(methylsulfonyl)ethan-1-amine (S)-5-oxopyrrolidine-2-carboxylate

Synonyms : NA  
CAS Number : 1912443-44-7  
CAT Number : CP-A77063  
Molecular Formula : C<sub>13</sub>H<sub>20</sub>O<sub>4</sub>S : C<sub>5</sub>H<sub>7</sub>N<sub>3</sub>O<sub>3</sub>  
Molecular Weight : 272.36 : 129.12  
Batch Number : CP-36-42  
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	White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to Structure
4)	Purity by HPLC	99.44%
5)	<sup>1</sup> HNMR	Confirm to Structure



### Prepared and Reviewed By

Mr. Shubham Bondre  
(Quality Control)

### Approved By

Mr. Abhijit Kale  
(Quality Assurance)

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