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## CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Ibuprofen Tetraethylene Glycol Diester**

### Identification:

Chemical Name: ((Oxybis(ethane-2,1-diyl))bis(oxy))bis(ethane-2,1-diyl) bis(2-(4-isobutylphenyl)propanoate)

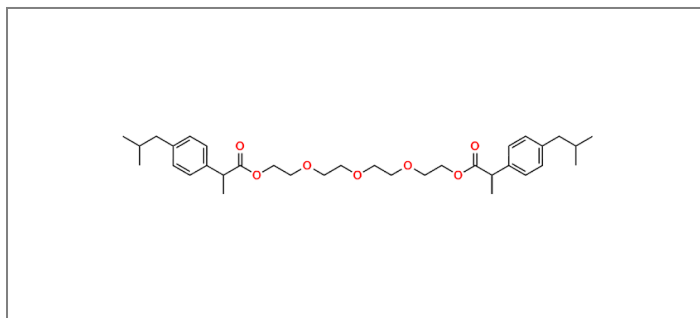
Synonyms : Ibuprofen Ester Impurity

CAS Number : 1161014-75-0

CAT Number : CP-I2027

Molecular Formula : C<sub>34</sub>H<sub>50</sub>O<sub>7</sub>

Molecular Weight : 570.77



### 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)	<sup>1</sup> HNMR	Confirm to structure
6)	IR	Confirm to Structure
7)	Weight loss by TGA	-
8)	Potency by TGA	-



### 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.