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## CERTIFICATE OF ANALYSIS

Analysis Date: Oct 2024

Re-test Date: Sep 2027

**Product Name: Naproxen EP Impurity F**

### Identification:

Chemical Name: Ethyl (2S)-2-(6-methoxynaphthalen-2-yl)propanoate (as per EP)

Synonyms : NA

CAS Number : 31220-35-6

CAT Number : CP-N2006

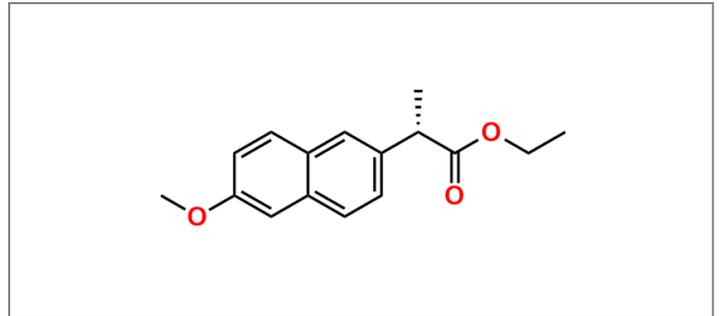
Molecular Formula : C<sub>16</sub>H<sub>18</sub>O<sub>3</sub>

Molecular Weight : 258.32

Batch Number : CHEM-NAP-F

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 to Off White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	99.06%
5)	<sup>1</sup> HNMR	Confirm to structure
6)	IR	Confirm to Structure
7)	Weight loss by TGA	0.096%
8)	Potency by TGA	98.96%



**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.