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## CERTIFICATE OF ANALYSIS

Analysis Date: Jan 2026

Re-test Date: Dec 2028

**Product Name: Probenecid Impurity 3**

### Identification:

Chemical Name: 4-(N,N-dipropylsulfamoyl)-N,N-dipropylbenzamide

Synonyms : Probenecid EP Impurity C

CAS Number : NA

CAT Number : CP-P54008

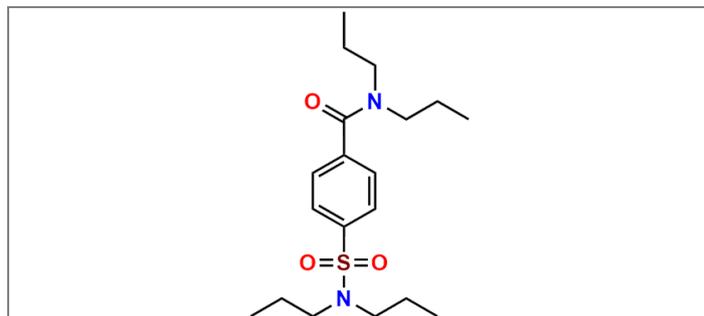
Molecular Formula : C<sub>19</sub>H<sub>32</sub>N<sub>2</sub>O<sub>3</sub>S

Molecular Weight : 368.54

Batch Number : CP-34-138

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	99.21%
5)	<sup>1</sup> HNMR	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.