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## CERTIFICATE OF ANALYSIS

Analysis Date: Nov 2025

Re-test Date: Oct 2028

**Product Name: Modafinil USP Related Compound C**

### Identification:

Chemical Name: 2-[(Diphenylmethyl)thio]acetamide

Synonyms : Deoxy Modafinil

CAS Number : 68524-30-1

CAT Number : CP-M69004

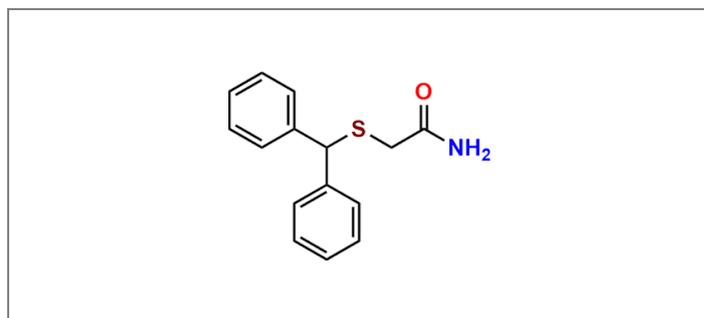
Molecular Formula : C<sub>15</sub>H<sub>15</sub>NOS

Molecular Weight : 257.4

Batch Number : CP-MOD-RC-C-0823

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	96.14%
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.