

CERTIFICATE OF ANALYSIS

(Certificate No. KMA167001-01)

Release Date: 27/04/2026

Re-test Date: 26/04/2029

ARMODAFINIL

Identification

Chemical Name :
2-[(R)-(Diphenylmethyl)sulfinyl]acetamide

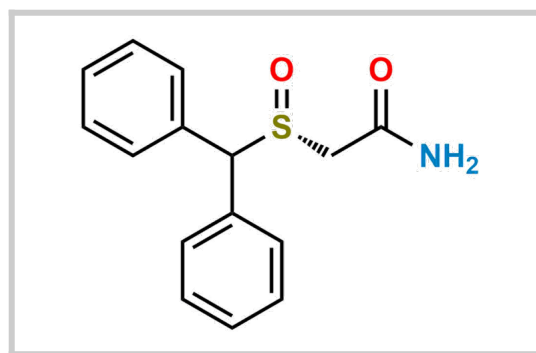
Alt. Name : (R)-Modafinil ; (-)-Modafinil ; (R)-(-)-Modafinil

CAT No. : KMA167001

CAS No. : 112111-43-0

Molecular Formula : C₁₅H₁₅NO₂S

Molecular Weight : 273.4



Analytical Information

Batch No. : A167001-114-279

Description : White Solid

HPLC Purity : 99.69 %

Weight Loss By TGA : 0.04 %

% Potency : 99.65 %

Solubility : ACN

Mass : Confirm as Na adduct

IR : Confirm

¹H NMR : Confirm

¹³C NMR : Confirm

Additional Information

Long Term Storage : Store at 2-8 deg. C for long term storage

Shipping Condition : Product is stable to be Shipped at Room Temperature

% Potency = [100 - 0.04(Weight Loss By TGA)] x [99.69(HPLC Purity)]/100 = 99.65 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		27/04/2026
Reviewed & Approved By	Quality Control	Jatin Patel		27/04/2026

Attachments : COA, HPLC, MASS, ¹HNMR, ¹³CNMR, IR and TGA