CERTIFICATE OF ANALYSIS

(Certificate No. KMI001001-01)

Release Date: 28/02/2024 **Re-test Date:** 27/02/2027

4'-(BROMOMETHYL)BIPHENYL-2-CARBONITRILE (BMC STANDARD)

Identification

Chemical Name :
4'-Bromomethyl-2-cyanobiphenyl

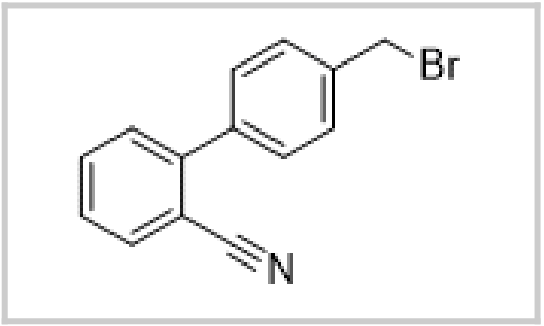
Alt. Name : Bromo OTBN

CAT No. : KMI001001

CAS No. : 114772-54-2

Molecular Formula : C14H10BrN

Molecular Weight : 272.14



Analytical Information

Batch No. : IRB-I-073-091

Description : Off white solid

HPLC Purity : 99.49 %

Weight Loss By TGA : 0.01 %

% Potency : 99.48 %

Solubility : ACN

Mass : Confirm as H2O adduct

IR : Confirm

1H 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 - 0.01(Weight Loss By TGA)] x [99.49(HPLC Purity)]/100 = 99.48 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		03/02/2025
Reviewed & Approved By	Quality Control	Jatin Patel		03/02/2025

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