3607 Parkway Lane, Suite 200
Peachtree Corners, GA 30092
www.RayBiotech.com | info@raybiotech.com
770-729-2992 | 1-888-494-8555
ISO 13485:2016 cGMP

2-APB

Catalog #: 331-21889

Data Sheet / Certificate of Analysis (CoA)
Last Revised: November 10, 2026

Specifications

CAS No.	524-95-8
Formula	C14H16BNO
Molecular Weight	225.1
SMILES Code	NCCOB(C1=CC=CC=C1)C2=CC=CC=C2
Physical Appearance	A solid
Purity	>99%, by HPLC
Mass Spectrum	Consistent with structure
Target	Membrane Transporter/Ion Channel
Pathway	Calcium Channel

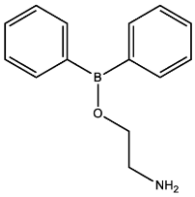


Figure 1. Chemical structure of 2-APB.

Solubility

Solubility	Insoluble in H2O; ≥27.85 mg/mL in EtOH; ≥9.4 mg/mL in DMSO
Stock, 1 mM	1 mg: 4.4425 mL; 5 mg: 22.2124 mL; 10 mg: 44.4247 mL solvent
Stock, 5 mM	1 mg: 0.8885 mL; 5 mg: 4.4425 mL; 10 mg: 8.8849 mL solvent
Stock, 10 mM	1 mg: 0.4442 mL; 5 mg: 2.2212 mL; 10 mg: 4.4425 mL solvent

Please refer to the solubility information to select the appropriate solvent.

RayBiotech
Empowering your proteomics

3607 Parkway Lane, Suite 200
Peachtree Corners, GA 30092
www.RayBiotech.com | info@raybiotech.com
770-729-2992 | 1-888-494-8555
ISO 13485:2016 cGMP

Background

Antagonist of Ins(1,4,5)P3-induced Ca2+ release.

Shipping

Blue ice. Products are sometimes shipped at a temperature that differs from the recommended storage temperature. Upon receipt of the product, follow the storage recommendations below.

Storage/Stability

Store at RT.