

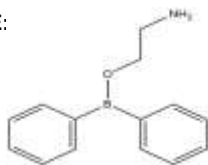
2-APB

ALTERNATE NAME: 2-Aminoethyl diphenyl borate, Diphenylboric acid 2-aminoethyl ester, Diphenylborinic acid

CATALOG #: 1798-100

AMOUNT: 100 mg

STRUCTURE:



MOLECULAR FORMULA: C₁₄H₁₆BNO

MOLECULAR WEIGHT: 225.09

CAS NUMBER: 524-95-8

APPEARANCE: White solid

SOLUBILITY: DMSO (100 mM) or EtOH (10 mM)

PURITY: ≥97%

STORAGE: Store at -20 °C

DESCRIPTION: A membrane permeable D-myo-inositol 1,4,5-trisphosphate (IP₃) receptor antagonist (IC₅₀ = 42 μM).

REFERENCE: Soulsby, M., and Wojcikiewicz, R. (2002). *Cell Calcium* **32**, 175-181; Bootman, M.D., *et al.* (2002). *FASEB J.* **16**, 1145-1150.

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

FOR RESEARCH USE ONLY! Not to be used on humans.

RELATED PRODUCTS:

- Thapsigargin (**Cat. No. 1558-1**)
- Calcium Colrimetric Assay Kit (**Cat. No. K380-250**)