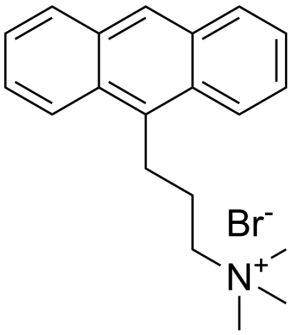
# APTAB

| | |
|---|---|
| **Cat. No.:** | HY-D1663 |
| **CAS No.:** | 86727-71-1 |
| **Molecular Formula:** | $C_{20}H_{24}BrN$ |
| **Molecular Weight:** | 358.32 |
| **Target:** | Fluorescent Dye |
| **Pathway:** | Others |
| **Storage:** | Please store the product under the recommended conditions in the Certificate of Analysis. |




## BIOLOGICAL ACTIVITY

| | |
|---|---|
| **Description** | APTAB is a fluorescent cationic membrane probe. APTAB locates the anthracene-labeled molecules incorporated into model membranes by fluorescence quenching[1]. |
| **In Vitro** | Guidelines (Following is our recommended protocol. This protocol only provides a guideline, and should be modified according to your specific needs).<br>1. Prepare APTAB in water with a concentration of 50 μM.<br>2. Mix APTAB with sample in a 10 mL volumetric flask, and then sonication for 5 min.<br>3. Store sample in dark for 1 day.<br>4. Measure resorufin fluorescence[1].<br>MCE has not independently confirmed the accuracy of these methods. They are for reference only. |

## REFERENCES

[1]. Kuan Gong, et al. RETURN TO ISSUEPREVARTICLENEXT Photoinduced Electron Transfer from 3-(9-Anthracene)propyltrimethyl Ammonium Bromide and Pyrene to Methyl viologen on the Surface of Polystyrene Latex Particles. 2000.

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: 609-228-6898 Fax: 609-228-5909 E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA