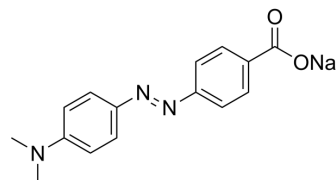


## Dabcy acid sodium

|                    |   |
|--------------------|---|
| Cat. No.:          | HY-D1045A   |
| CAS No.:           | 845-46-5  |
| Molecular Formula: | C <sub>15</sub> H <sub>14</sub> N <sub>3</sub> NaO <sub>2</sub>                           |
| Molecular Weight:  | 291.28  |
| Target:            | Fluorescent Dye   |
| Pathway:           | Others  |
| Storage:           | Please store the product under the recommended conditions in the Certificate of Analysis. |



### BIOLOGICAL ACTIVITY

#### Description

Dabcy acid sodium (DABCYL sodium) is a nonfluorescent chromophore and a quencher. Dabcy acid sodium can be used as molecular beacon nucleic acid probes to recognize and report the presence of specific nucleic acids in homogeneous solutions<sup>[1][2]</sup>.

### REFERENCES

- [1]. Tyagi S, et al. Molecular beacons: probes that fluoresce upon hybridization. *Nat Biotechnol.* 1996 Mar;14(3):303-8.
- [2]. Conlon P, et al. Pyrene excimer signaling molecular beacons for probing nucleic acids. *J Am Chem Soc.* 2008 Jan 9;130(1):336-42.

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

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