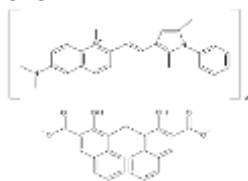


PRODUCT: Pyrvinium Pamaoate

ALTERNATE NAME: 3-carboxy-1-[(3-carboxy-2-oxidonaphthalen-1-yl)methyl]naphthalen-2-olate;2-[(E)-2-(2,5-dimethyl-1-phenylpyrrol-3-yl)ethenyl]-N,N,1-trimethylquinolin-1-ium-6-amine

CATALOG #: B1593-5,25

AMOUNT: 5 mg, 25 mg

STRUCTURE:

MOLECULAR FORMULA: C₇₅H₇₀N₆O₆

MOLECULAR WEIGHT: 1151.42

CAS NUMBER: 3546-41-6

APPEARANCE: Red solid

SOLUBILITY: DMSO (~10 mg/ml)

PURITY: ≥98% by HPLC

STORAGE: Store at -20 °C. Protect from air light

DESCRIPTION: Pyrvinium pamaoate (PP) is a quinoline-derived cyanine dye that displays anthelmintic properties and therapeutic function against animal-like protists such as *Cryptosporidium parvum* and *Plasmodium falciparum*. Pyrvinium also acts as a potent Wnt inhibitor. Pyrvinium has also shown to inhibit self-renewal of breast cancer stem cells (BCSCs) and decrease both CD44+CD24-/low and ALDH-positive BCSCs content in a panel of breast cancer cell lines.

REFERENCES: Xu, L., *et al.* (2016). *Int. J. Oncol.* **48**, 1175-1186.

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

RELATED PRODUCTS:

A37 (**B1577**)

BRD7116 (**B1578**)

Galieallactone (**Cat. No. 2623-100, 500**)

ITE (**B1579**)

ML243 (**Cat. No. 2515-5,25**)

Cancer Cell Stemness Inhibitor, BBI608 (**Cat. No. 2476-5,25**)

Pyrvinium Pamaoate (**B1593**)

Salinomycin Sodium (**B1584**)

SC-26196 (**B1580**)

Thioridazine Hydrochloride (**B1581**)

TY-52156 (**B1582**)

Verteporfin (**B1583**)

USAGE: **FOR RESEARCH USE ONLY! Not to be used in humans**