

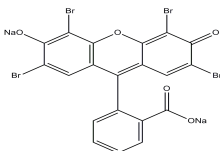
PRODUCT: AMI-5

ALTERNATE NAME: 2',4',5',7'-Tetrabromofluorescein disodium salt, Acid Red 87, Bromo acid J. TS, XL, or XX, Bromofluorescein, Bronze Bromo ES, Eosin yellowish

CATALOG #: 2300-50, 250

AMOUNT: 50 mg, 250 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₀H₆Br₄Na₂O₅

MOLECULAR WEIGHT: 691.85

CAS NUMBER: 17372-87-1

APPEARANCE: Brown to dark red solid

SOLUBILITY: H₂O (1 mg/ml)

PURITY: ≥90% (Calcd. on anhydrous substance)

STORAGE: At +4° C. Protect from air and light

DESCRIPTION: A non-specific small molecule inhibitor of protein arginine methyltransferases (PRMTs) (IC₅₀ = 0.78 and 1.41 μM against Hmt1p and PRMT1, respectively) and histone lysine methyltransferases (HKMTs) (DOT1 and SET7, but not Suv39H1 and Suv39H2).

REFERENCE: Cheng, D., *et al.* (2004). *J. Biol. Chem.* **279**, 23892-23899.

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

RELATED PRODUCTS:

AMI-1 (Cat. No. 1943-5, 25)

Aza-2'-deoxycytidine (Cat. No. 1754-10, 50)

5- BIX01294 (Cat. No. 1678-5, 25)

Chaetocin (Cat. No. 2283-500)

3-Deazaneplanocin (Cat. No. 2060-250, 1000)

GSK343 (Cat. No. 2281-1, 5)

GSK126 (Cat. No. 2282-1, 5)

Lomeguatrib (Cat. No. 2224-5, 25)

RG108 (Cat. No. 1679-10, 30)

UNC0638 (Cat. No. 1933-1,

Zebularine (Cat. No. 2225-1, 5)

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