

PRODUCT:**UNC2170****ALTERNATE NAME:**

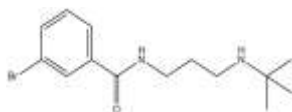
3-Bromo-N-(3-(tert-butylamino)propyl)benzamide

CATALOG #:

2889-5, 25

AMOUNT:

5 mg, 25 mg

STRUCTURE:**MOLECULAR FORMULA:**C₁₄H₂₁BrN₂O**MOLECULAR WEIGHT:**

313.23

CAS NUMBER:

N/A

APPEARANCE:

Off-white solid

SOLUBILITY:

DMSO

PURITY:

≥98% by HPLC

STORAGE:

Store at -20 °C. Protect from air and light

DESCRIPTION:

UNC-2170 is a micromolar ligand for the Methyl-lysine Binding Protein, 53BP1. UNC-2170 displays 17-fold selectivity for 53BP1 as compared to other methyl-lysine (Kme) binding proteins tested. It functions as a 53BP1 antagonist in cellular lysates and shows cellular activity by suppressing class switch recombination, a process which requires a functional 53BP1 tudor domain.

REFERENCES:Perfetti, M.T., *et al.* (2015). *ACS Chem. Biol.* Jan. 28**HANDLING:**

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

RELATED PRODUCTS:

JMJD1A Antibody (Cat. No. 3273-100)

GSK-J1 sodium salt (Cat. No. 2260-1, -5)

GSK-J4 hydrochloride (Cat. No. 2259-1, -5)

IOX1 (Cat. No. 2266-5, -25)

JMJD6 (2-403 aa), Human recombinant (Cat. No. 7679-20, -50)

SMN Tudor Domain (1472-1613 aa), Human recombinant (Cat. No. 7676-20,

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