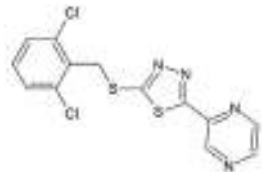


Yoda-1

ALTERNATE NAME: 2-[5-[[[(2,6-Dichlorophenyl)methyl]thio]-1,3,4-thiadiazol-2-yl]pyrazine

CATALOG #: B3335-5 5 mg
B3335-25 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₁₃H₈Cl₂N₄S₂

MOLECULAR WEIGHT: 355.27

CAS NUMBER: 448947-81-7

APPEARANCE: White solid

PURITY: ≥98% by HPLC

SOLUBILITY: >5 mg/ml DMSO

DESCRIPTION: Yoda -1 is a synthetic small molecule that acts as an agonist for both human and mouse Piezo1. Characterization of Yoda1 in artificial droplet lipid bilayers shows that Yoda1 activates purified Piezo1 channels in the absence of other cellular components. Yoda1 will serve as a key tool to study Piezo1 regulation and function.

STORAGE TEMPERATURE: -20°C. Protect from light

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

RELATED PRODUCTS:

Lamotrigine (B1234)
VDAC/Porin Antibody (3594)

DISCLAIMER: *FOR RESEARCH USE ONLY! Not to be used on humans.*