

PRODUCT: BPTES

RELATED PRODUCTS:

BPTES (B2165)

Glutaminase C-IN-1 (968) (B1198)

CB-839 (B1179)

L-DON (B1955)

ALTERNATE NAME: *N,N*-[Thiobis(2,1-ethanediy-1,3,4-thiadiazole-5,2-diy)]bisbenzeneacetamide

CATALOG #: B2165-5,25

AMOUNT: 5 mg, 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₄H₂₄N₆O₂S₃

MOLECULAR WEIGHT: 524.68

CAS NUMBER: 314045-39-1

APPEARANCE: White solid

SOLUBILITY: DMSO (~10 mg/ml)

PURITY: ≥98% by HPLC

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

DESCRIPTION: BPTES is an allosteric glutaminase (GLS1) inhibitor (IC₅₀ = 3.3 μM). Displays selectivity for GLS1 over GLS2 and γ-glutamyl transpeptidase. Induces cell death of P493 human lymphoma B cells *in vitro* and reduces tumor volume of P493 cell xenografts in mice.

REFERENCES: Shukla, K., *et al.* (2012). *J. Med. Chem.* **55**, 10551-10563.

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

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