

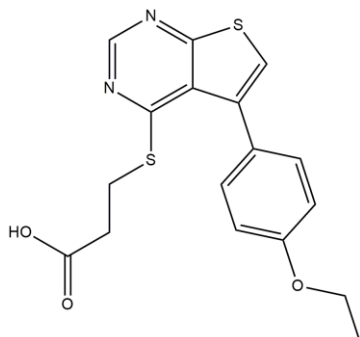
CK2 inhibitor

11/19

ALTERNATE NAME: 3-([5-(4-ethoxyphenyl)thieno[2,3-d]pyrimidin-4-yl]thio)propanoic acid

CATALOG #: B2935-5 5 mg
B2935-25 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₁₇H₁₆N₂O₃S₂

MOLECULAR WEIGHT: 360.45

CAS NUMBER: 1181227-92-8

APPEARANCE: Solid

PURITY: 95%

SOLUBILITY: Soluble in DMSO

DESCRIPTION: CK2 inhibitor selectively inhibits casein kinase 2 (CK2) with an IC₅₀ of 0.125 μM. CK2 is a potential protein kinase target for the development of antitumor, antiviral and anti-inflammatory drugs.

STORAGE TEMPERATURE: -20°C

REFERENCE: Golub, A.G., Bdzhola, V.G., Briukhovetska, N.V. et al. Synthesis and biological evaluation of substituted (thieno[2,3-d]pyrimidin-4-ylthio)carboxylic acids as inhibitors of human protein kinase CK2. Eur J Med Chem. 46(3):870-6 (2011).

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

RELATED PRODUCTS:

Ellagic Acid (Cat. No. B1154)
CK2 inhibitor (Cat. No. B2920)
TTP-22 (Cat. No. B2565)
CAY10577 (Cat. No. B2904)
D4476 (Cat. No. 1770)

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