

Product Data Sheet

Product Name: TMX-4113

Cat. No.: GC64675

Chemical Properties

Cas. No.

Formula C₁₂H₁₂N₄O₂S₂ M.Wt 308.38

Solubility DMSO : 100 mg/mL (324.28 mM; Storage Store at -20°C
Need ultrasonic)

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

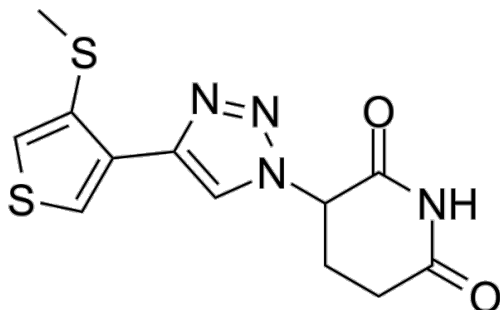
Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

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Structure



Background

TMX-4113 is a degrader of phosphodiesterase 6D (PDE6D) and casein kinase 1 α (CK1 α). TMX-4113 can be used for the research of cancer[1].

TMX-4113 (compound 21; 1 μ M; 4 h) shows a high degradation preference for PDE6D and CK1 α in MOLT4 cells[1]. TMX-4113 (0 nM, 40 nM, 200 nM, 1 μ M; 4h) induces degradation of PDE6D in MOLT4 cells[1]. TMX-4113 (0 nM, 40 nM, 200 nM, 1 μ M; 4h) degrades over 50% of CK1 α at a dose of 40 nM in MM.1S cells[1].

[1]. Teng M, et al. Development of PDE6D and CK1 α Degraders through Chemical Derivatization of FPFT-2216. J Med Chem. 2022 Jan 13;65(1):747-756.

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