
Catalog	Unit
TBI1298-10MG	10 mg
TBI1298-50MG	50 mg

Product Details

Formal Name: 4-(3-Phenyl-[1,2,4]thiaziazol-5-yl)-piperazine-1-carboxylic acid phenylamide

Alternate Names: N-Phenyl-4-(3-phenyl-1,2,4-thiaziazol-5-yl)-1-piperazinecarboxamide

Molecular Formula: C₁₉H₁₉N₅OS

Formula Weight: 365.46

CAS Number: 681136-29-8

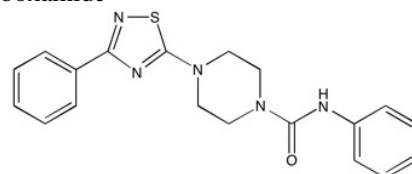
Purity: >98%

Formulation: Powder

Solubility: Soluble in DMSO (up to 25 mg/ml).

Storage: -20°C

Stability: ≥ 2 years.



Applications

FAAH inhibitor

Functions

Potent and selective FAAH inhibitor. Initially forms a covalent adduct with FAAH but is slowly released, IC₅₀ = 12 nM. 100-fold selectivity for FAAH-1 over FAAH-2. Cell permeable and active in vivo. Displays analgesic activity in various animal models.

Application Procedures

First dissolved in DMSO (up to 25 mg/ml), then diluted to aqueous buffer. Solutions in DMSO may be stored at -20°C for up to 3 months.

For research use only.