

Catalog	Unit
TBI2935-5MG	5 mg
TBI2935-25MG	25 mg

Product Details

Formal Name: N-[4-[3,5-Bis(trifluoromethyl)-1H-pyrazol-1-yl]phenyl]-4-methyl-1,2,3-thiadiazole-5-carboxamide

Alternate Names: BTP2

Molecular Formula: C₁₅H₉F₆N₅OS

Formula Weight: 421.30

CAS Number: 223499-30-7

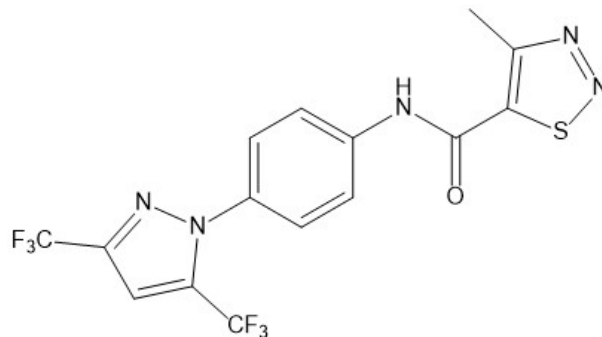
Purity: >98%

Formulation: powder

Solubility: Soluble in DMSO (up to 40 mg/ml)

Storage: -20°C

Stability: ≥ 2 years.



Applications

CRAC channel blocker

Functions

YM-58483 is a CRAC (calcium release-activated calcium) channel blocker, a prototypic store-operated calcium channel. Inhibits antigen-induced histamine release via modulation of mast cell responses. Displays potent analgesic actions in various pain models in mice and is orally active. Inhibits T cell-mediated immune responses in vivo.

Application Procedures

First dissolved in DMSO (up to 40 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.