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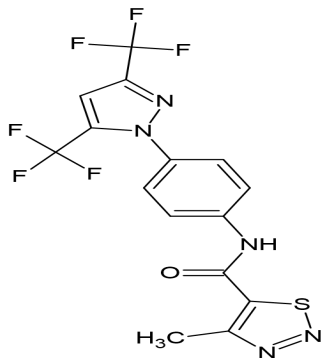
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CRAC Channel Inhibitor, BTP2

ALTERNATE NAME: *N*-[4-[3,5-bis(trifluoromethyl)pyrazol-1-yl]phenyl]-4-methylthiadiazole-5-carboxamide; YM-58483

CATALOG #: AUR10222

STRUCTURE:



MOLECULAR FORMULA: C₁₅H₉F₆N₅OS

MOLECULAR WEIGHT: 421.32

CAS#: 223499-30-7

APPEARANCE: White solid

SOLUBILITY: DMSO (5 mg/ml)

PURITY: ≥98% by HPLC

STORAGE: +2°C to +8°C; Protect from air and light

DESCRIPTION: BTP2 is a potent inhibitor of CRAC channels, blocking thapsigargin-induced sustained calcium influx, Th2 cytokine production, and NF-AT-driven promoter activity in T lymphocytes (IC₅₀ = 100 nM).

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