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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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YIM-
58483



Discovery through Partnership | Excellence through Quality

CRAC channel blocker
Catalog No. SIH-606

Product Name

YM-58483

Description

CRAC channel blocker

Purity

>98% (TLC); NMR (Conforms)

CAS No.

223499-30-7

Molecular Formula

$C_{15}H_9F_6N_5OS$

Molecular Weight

421.3

Field Of Use

Not for use in humans. Not for use in diagnostics or therapeutics. For in vitro research use only.

Properties

Storage Temperature

-20°C

Shipping Temperature

Shipped Ambient

Product Type

Blocker

Solubility

May be dissolved in DMSO (40 mg/ml)

Source

Synthetic

Appearance

Off-white powder

SMILES

Cc1nnc1C(=O)Nc2ccc(cc2)-n3nc(cc3C(F)(F)F)C(F)(F)F

InChI

1S/C15H9F6N5OS/c1-7-12(28-25-23-7)13(27)22-8-2-4-9(5-3-8)26-11(15(19,20)21)6-10(24-26)14(16,17)18/h2-6H,1H3,(H,22,27)

InChIKey

XPRZIORDEVHURQ-UHFFFAOYSA-N

Safety Phrases

Classification: Caution: Not a hazardous substance or mixture.

Safety Phrases:

S22 - Do not breathe dust

S24/25 - Avoid contact with skin and eyes

S36/37/39 - Wear suitable protective clothing, gloves and eye/face protection

Cite This Product

YM-58483 (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SIH-606)

Biological Description

Alternative Names

N-[4-[3,5-Bis(trifluoromethyl)-1H-pyrazol-1-yl]phenyl]-4-methyl-1,2,3-thiadiazole-5-carboxamide; BTP2

Research Areas

Calcium Channels, Ion Channels, Neuroscience, Neurotransmission

PubChem ID

2455

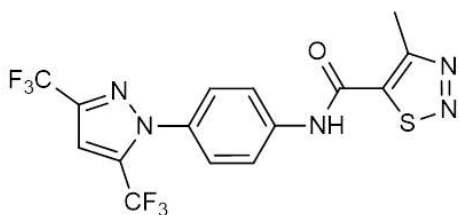
Scientific Background

YM-58483 is a calcium release-activated calcium channel blocker. It inhibits antigen-induced histamine release via modulation of mast cell responses. It also is a potent T-cell antiproliferative agent.

References

- 1., Zitt. C., et al. (2004) J. Biol. Chem. 279(13): 12427-12437.
 - 2., Law M., et al. (2001) Int. J. Biochem. Cell Biol. 43:1228-1239.
 - 3., K Ohga et al. (2008) Int. Immunopharmacol. 8:1787-1792.
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Product Images



Chemical structure of YM-58483 (SIH-606), a CRAC channel blocker. CAS #: 223499-30-7. Molecular Formula: C₁₅H₉F₆N₅O₅. Molecular Weight: 421.3 g/mol.

Product Citations (0)

Currently there are no citations for this product.

Reviews

There are no reviews yet.

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