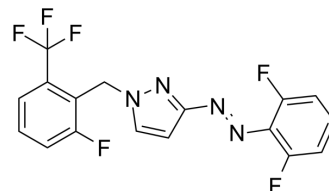


piCRAC-1

Cat. No.:	HY-147005		
CAS No.:	2418049-54-2		
Molecular Formula:	C ₁₇ H ₁₀ F ₆ N ₄		
Molecular Weight:	384.28		
Target:	CRAC Channel		
Pathway:	Membrane Transporter/Ion Channel		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : ≥ 100 mg/mL (260.23 mM)
 * "≥" means soluble, but saturation unknown.

	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.6023 mL	13.0113 mL	26.0227 mL
	5 mM	0.5205 mL	2.6023 mL	5.2045 mL
	10 mM	0.2602 mL	1.3011 mL	2.6023 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

piCRAC-1 is a potent, photoinducible Ca²⁺ release-activated Ca²⁺ (CRAC) channel inhibitor. piCRAC-1 alleviates thrombocytopenia and hemorrhage^[1].

REFERENCES

[1]. Yang X, et al. Optical Control of CRAC Channels Using Photoswitchable Azopyrazoles. J Am Chem Soc. 2020 May 20;142(20):9460-9470.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA