



SZABO SCANDIC

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Produktinformation



Forschungsprodukte & Biochemikalien



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Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

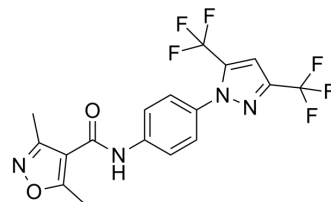
mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

IL-2-IN-1

| | |
|--------------------|--|
| Cat. No.: | HY-150051 |
| CAS No.: | 245747-10-8 |
| Molecular Formula: | C ₁₇ H ₁₂ F ₆ N ₄ O ₂ |
| Molecular Weight: | 418.29 |
| Target: | Interleukin Related |
| Pathway: | Immunology/Inflammation |
| Storage: | 4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light) |



SOLVENT & SOLUBILITY

In Vitro

DMSO : 125 mg/mL (298.84 mM; Need ultrasonic)

| Solvent | Mass | Concentration | | |
|---------------------------|-------|---------------|------------|------------|
| | | 1 mg | 5 mg | 10 mg |
| Preparing Stock Solutions | 1 mM | 2.3907 mL | 11.9534 mL | 23.9069 mL |
| | 5 mM | 0.4781 mL | 2.3907 mL | 4.7814 mL |
| | 10 mM | 0.2391 mL | 1.1953 mL | 2.3907 mL |

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

BIOLOGICAL ACTIVITY

Description

IL-2-IN-1 is a potent IL-2 inhibitor with an IC₅₀ value of 1978 nM. IL-2-IN-1 shows antiproliferative activities^[1].

IC₅₀ & Target

IL-2
1978 nM (IC₅₀)

In Vitro

IL-2-IN-1 (compound 2) shows antiproliferative activities with IC₅₀s of 340, 1266 nM for human PBMC and rat PBMC, respectively^[1].
MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Djuric SW, et al. 3,5-Bis(trifluoromethyl)pyrazoles: a novel class of NFAT transcription factor regulator. J Med Chem. 2000 Aug 10;43(16):2975-81.

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