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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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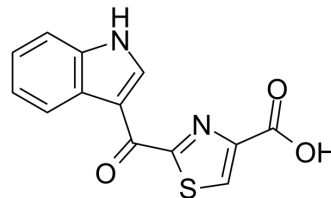
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Indolokine A5

| | | |
|--------------------|----------------------------------------------------------------|----------------|
| Cat. No.: | HY-N10123 | |
| CAS No.: | 951207-88-8 | |
| Molecular Formula: | C ₁₃ H ₈ N ₂ O ₃ S | |
| Molecular Weight: | 272.28 | |
| Target: | Aryl Hydrocarbon Receptor | |
| Pathway: | Immunology/Inflammation | |
| Storage: | Powder | -20°C 3 years |
| | In solvent | -80°C 6 months |
| | | -20°C 1 month |



SOLVENT & SOLUBILITY

| | | | | | |
|-------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|-----------|-----------|------------|
| In Vitro | DMSO : 50 mg/mL (183.63 mM; Need ultrasonic) | | | | |
| | Preparing Stock Solutions | Solvent Concentration | Mass | | |
| | | | 1 mg | 5 mg | 10 mg |
| | | | 1 mM | 3.6727 mL | 18.3634 mL |
| | | 5 mM | 0.7345 mL | 3.6727 mL | 7.3454 mL |
| | | 10 mM | 0.3673 mL | 1.8363 mL | 3.6727 mL |
| Please refer to the solubility information to select the appropriate solvent. | | | | | |
| In Vivo | 1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 1.25 mg/mL (4.59 mM); Clear solution | | | | |

BIOLOGICAL ACTIVITY

| | |
|---------------------------|-------------------------------------------------------------------------------------|
| Description | Indolokine A5, a catabolite of L-cysteine, is a potent AhR agonist ^[1] . |
| IC ₅₀ & Target | AhR ^[1] |

REFERENCES

[1]. Gatsios A, et, al. Escherichia coli small molecule metabolism at the host-microorganism interface. Nat Chem Biol. 2021 Oct;17(10):1016-1026.

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

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