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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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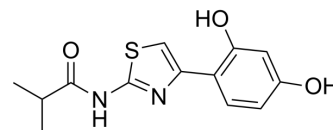
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Isobutylamido thiazolyl resorcinol

Cat. No.: HY-W251181
CAS No.: 1428450-95-6
Molecular Formula: C₁₃H₁₄N₂O₃S
Molecular Weight: 278.33
Target: Tyrosinase
Pathway: Metabolic Enzyme/Protease
Storage: 4°C, stored under nitrogen
 * In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (359.29 mM; Need ultrasonic)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		3.5929 mL	17.9643 mL	35.9286 mL
	5 mM		0.7186 mL	3.5929 mL	7.1857 mL
	10 mM		0.3593 mL	1.7964 mL	3.5929 mL

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

BIOLOGICAL ACTIVITY

Description

Isobutylamido thiazolyl resorcinol is a Tyrosinase inhibitor that can prevent UV-induced pigmentation^{[1][2]}.

REFERENCES

[1]. Jin Li, et al. Recent advances in the design and discovery of synthetic tyrosinase inhibitors. Eur J Med Chem. 2021 Nov 15;224:113744.

[2]. Vasanop Vachiramon, et al. Isobutylamido thiazolyl resorcinol for prevention of UVB-induced hyperpigmentation. J Cosmet Dermatol. 2021 Mar;20(3):987-992.

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

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