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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



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

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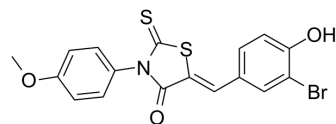
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TC HSD 21

Cat. No.:	HY-103394
CAS No.:	330203-01-5
Molecular Formula:	C ₁₇ H ₁₂ BrNO ₃ S ₂
Molecular Weight:	422.32
Target:	Others
Pathway:	Others
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 : ≥ 250 mg/mL (591.97 mM)

* "≥" means soluble, but saturation unknown.

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		2.3679 mL	11.8394 mL	23.6787 mL
	5 mM		0.4736 mL	2.3679 mL	4.7357 mL
	10 mM		0.2368 mL	1.1839 mL	2.3679 mL

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

BIOLOGICAL ACTIVITY

Description

TC HSD 21 is a potent 17β-hydroxysteroid dehydrogenase type 3 (17β-HSD3) inhibitor with an IC₅₀ of 14 nM. TC HSD 21 shows excellent selectivity over 17β-HSD isoenzymes and nuclear receptors^[1].

IC₅₀ & Target

IC₅₀: 14 nM (17β-HSD3)^[1]

REFERENCES

[1]. Harada K, et al. Identification of oxazolidinediones and thiazolidinediones as potent 17β-hydroxysteroid dehydrogenase type 3 inhibitors. *Bioorg Med Chem Lett*. 2012 Jan 1;22(1):504-7.

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

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