



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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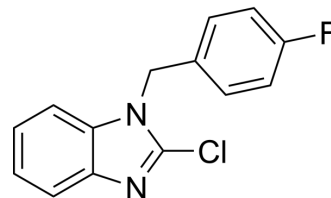
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2-Chloro-1-(4-fluorobenzyl)-1H-benzo[d]imidazole

Cat. No.:	HY-W011786
CAS No.:	84946-20-3
Molecular Formula:	C ₁₄ H ₁₀ ClFN ₂
Molecular Weight:	260.69
Target:	Aldose Reductase
Pathway:	Metabolic Enzyme/Protease
Storage:	-20°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



BIOLOGICAL ACTIVITY

Description

2-Chloro-1-(4-fluorobenzyl)-1H-benzo[d]imidazole is an inhibitor of larval settlement in marine organisms, demonstrating low toxicity while effectively inhibiting the metamorphosis of species such as barnacles, bryozoans, and polychaetes. 2-Chloro-1-(4-fluorobenzyl)-1H-benzo[d]imidazole also exhibits activity as an aldose reductase (ALR2) inhibitor, indicating potential therapeutic applications in diabetes-related complications.

REFERENCES

[1]. Reversible anti-settlement activity against Amphibalanus (=Balanus) amphitrite, Bugula neritina, and Hydroides elegans by a nontoxic pharmaceutical compound, mizolastine

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

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