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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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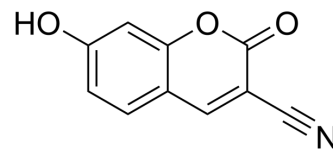
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3-Cyanoumbelliferone

| | |
|--------------------|--|
| Cat. No.: | HY-D0039 |
| CAS No.: | 19088-73-4 |
| Molecular Formula: | C ₁₀ H ₅ NO ₃ |
| Molecular Weight: | 187.15 |
| Target: | Fluorescent Dye |
| Pathway: | Others |
| Storage: | 4°C, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen) |



BIOLOGICAL ACTIVITY

| | |
|---------------------------|--|
| Description | 3-Cyanoumbelliferone is a coumarin derivative, acting as molecular probe and fluorescent dye. 3-Cyanoumbelliferone is also a macrophage migration inhibitory factor (MIF) tautomerase inhibitor with a K _i of 2.9 μM ^[1] . |
| IC ₅₀ & Target | K _i : 2.9 μM (MIF) ^[1] |

REFERENCES

[1]. Orita M, et al. Coumarin and chromen-4-one analogues as tautomerase inhibitors of macrophage migration inhibitory factor: discovery and X-ray crystallography. J Med Chem. 2001 Feb 15;44(4):540-7.

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

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