



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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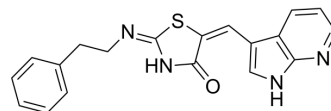
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DJ4

| | | | |
|--------------------|---|-------|----------|
| Cat. No.: | HY-125221 | | |
| CAS No.: | 1681020-24-5 | | |
| Molecular Formula: | C ₁₉ H ₁₆ N ₄ OS | | |
| Molecular Weight: | 348.42 | | |
| Target: | ROCK | | |
| Pathway: | Cell Cycle/DNA Damage; Cytoskeleton; Stem Cell/Wnt; TGF-beta/Smad | | |
| Storage: | Powder | -20°C | 3 years |
| | In solvent | -80°C | 6 months |
| | | -20°C | 1 month |



BIOLOGICAL ACTIVITY

| | | |
|---------------------------|---|------------------------------------|
| Description | DJ4 is a ATP-competitive inhibitor of ROCK1/2 (IC ₅₀ values:5 and 50 nM) and MRCKα/β (IC ₅₀ values:10 and 100 nM). DJ4 blocks stress fiber formation and induces cell apoptosis. DJ4 can be used for study of cancer ^[1] . | |
| IC ₅₀ & Target | ROCK1 5 nM (IC ₅₀) | ROCK2 50 nM (IC ₅₀) |

REFERENCES

[1]. Kale VP, et al. A novel selective multikinase inhibitor of ROCK and MRCK effectively blocks cancer cell migration and invasion. Cancer Lett. 2014;354(2):299-310.

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

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