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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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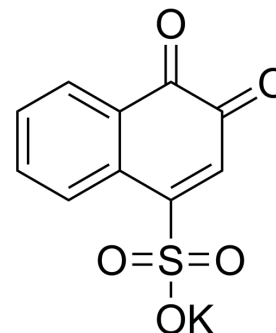
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Potassium 1,2-naphthoquinone-4-sulphonate

Cat. No.:	HY-W726137
CAS No.:	5908-27-0
Molecular Formula:	C ₁₀ H ₅ KO ₅ S
Molecular Weight:	276.31
Target:	Drug Intermediate
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Potassium 1,2-naphthoquinone-4-sulphonate (Compound 16) is a 6-phosphogluconate dehydrogenase (6PGDH) inhibitor with an IC₅₀ of 53 μM. Potassium 1,2-naphthoquinone-4-sulphonate can be used in the study of human African trypanosomiasis^[1].

REFERENCES

[1]. Ruda GF, et al. Virtual fragment screening for novel inhibitors of 6-phosphogluconate dehydrogenase. Bioorg Med Chem. 2010 Jul 15;18(14):5056-62.

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

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