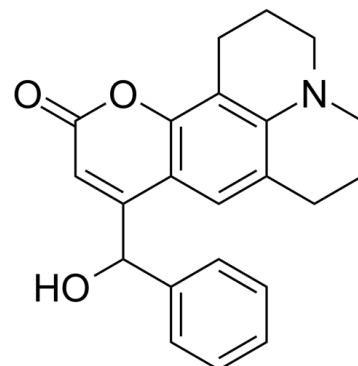


Data Sheet

| | |
|---------------------------|---|
| Product Name: | Cumberol |
| Cat. No.: | CS-0181755 |
| CAS No.: | 878019-53-5 |
| Molecular Formula: | C ₂₂ H ₂₁ NO ₃ |
| Molecular Weight: | 347.41 |
| Target: | Others |
| Pathway: | Others |
| Solubility: | DMSO : 50 mg/mL (143.92 mM; Need ultrasonic) |



BIOLOGICAL ACTIVITY:

Cumberol is a fluorescent substrate of AKR1C3 protein. Cumberol can be used for the research of AKR1C3^[1].

References:

[1]. Jamieson SM, et al. A novel fluorometric assay for aldo-keto reductase 1C3 predicts metabolic activation of the nitrogen mustard prodrug PR-104A in human leukaemia cells. *Biochem Pharmacol.* 2014;88(1):36-45.

CAIndexNames:

1H,5H,11H-[1]Benzopyrano[6,7,8-ij]quinolizin-11-one, 2,3,6,7-tetrahydro-9-(hydroxyphenylmethyl)-

SMILES:

O=C1OC2=C(C(C(C3=CC=CC=C3)O)=C1)C=C4C5=C2CCCN5CCC4

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

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