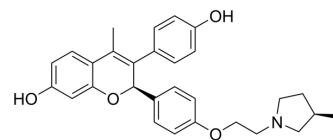


(R)-OP-1074

Cat. No.:	HY-125263B
CAS No.:	1443752-77-9
Molecular Formula:	C ₂₉ H ₃₁ NO ₄
Molecular Weight:	457.56
Target:	Others
Pathway:	Others
Storage:	-20°C, stored under nitrogen, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen, away from moisture)



BIOLOGICAL ACTIVITY

Description

(R)-OP-1074 is the isomer of OP-1074 (HY-125263), and can be used as an experimental control. OP-1074 is a pure antiestrogen and a selective ER degrader (PA-SERD), shows specific antiestrogenic activity for ER α and ER β , inhibits 17 β -estradiol (E2)-stimulated transcriptional activity with IC₅₀ of 1.6 and 3.2 nM, respectively^[1].

REFERENCES

[1]. Fanning SW, et al. Specific stereochemistry of OP-1074 disrupts estrogen receptor alpha helix 12 and confers pure antiestrogenic activity. Nat Commun. 2018 Jun 18;9(1):2368.

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

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