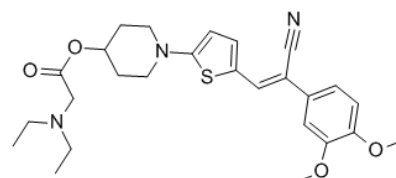


Product Name : YHO-13351 free base
Cat. No. : PC-43183
CAS No. : 912288-64-3
Molecular Formula : C₂₆H₃₃N₃O₄S
Molecular Weight : 483.6229
Target : BCRP
Solubility : DMSO: ≥ 30 mg/mL



Biological Activity

YHO-13351 is an orally available prodrug of YHO-13177, which can specifically reverse **BCRP**/ABCG2-mediated drug resistance in vitro and in vivo.

YHO-13351 is rapidly converted into YHO-13177 after its oral or intravenous administration.

YHO-13351 significantly increases the survival time of mice inoculated with BCRP-transduced murine leukemia P388 cells and suppressed the tumor growth in an HCT116/BCRP xenograft model coadministration of irinotecan.

References

Yamazaki R, et al. *Mol Cancer Ther.* 2011 Jul;10(7):1252-63.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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