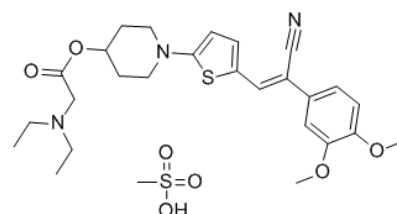


Product Name : YHO-13351
Cat. No. : PC-43182
CAS No. : 1346753-00-1
Molecular Formula : C₂₇H₃₇N₃O₇S₂
Molecular Weight : 579.7286
Target : BCRP
Solubility : DMSO: ≥ 38 mg/mL



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, 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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