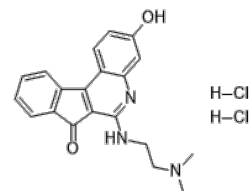


Product Name : TAS-103 dihydrochloride
Cat. No. : PC-25320
CAS No. : 174634-09-4
Molecular Formula : $C_{20}H_{21}Cl_2N_3O_2$
Molecular Weight : 406.31
Target : Topoisomerase
Solubility : 10 mM in DMSO



Biological Activity

TAS-103 dihydrochloride (BMS-247615) is an effective small molecule inhibitor of topoisomerases I and II (Topo I and Topo II) with IC₅₀ of 2 uM and 6.5 uM, shows cytotoxic effect on P388 and KB cells with IC₅₀ of 1.1 nM and 9.6 nM respectively.

References

- Aoyagi Y, et al. Jpn J Cancer Res. 1999 May;90(5):578-87.
 Utsugi T, et al. Jpn J Cancer Res. 1997 Oct;88(10):992-1002.

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

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