

Product Name : Brequinar
Cat. No. : PC-62689
CAS No. : 96187-53-0
Molecular Formula : C₂₃H₁₅F₂NO₂
Molecular Weight : 375.37
Target : Other Targets
Solubility : 10 mM in DMSO



Biological Activity

Brequinar (DuP785, NSC 368390) is a potent and selective inhibitor of **DHODH** with IC₅₀ of 20 nM, triggers differentiation in the ER-HoxA9, U937, and THP1 cells with an ED₅₀ of 1 uM.

Brequinar arrests tumor growth in HL60 and MOLM13 subcutaneous xenograft models of AML in NOD SCID mice.

References

Sykes DB, et al. *Cell*. 2016 Sep 22;167(1):171-186.e15.

Dexter DL, et al. *Cancer Res*. 1985 Nov;45(11 Pt 1):5563-8.

Chen SF, et al. *Cancer Res*. 1986 Oct;46(10):5014-9.

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

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