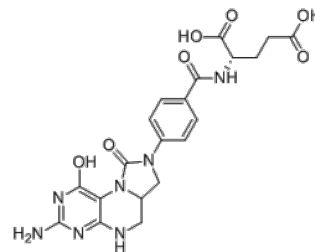


Product Name : LY345899
Cat. No. : PC-70211
CAS No. : 10538-99-5
Molecular Formula : C₂₀H₂₁N₇O₇
Molecular Weight : 471.43
Target : Antifolate
Solubility : 10 mM in DMSO



Biological Activity

LY345899 (LY 345899) is a novel potent, cytoplasmic and mitochondrial methylenetetrahydrofolate dehydrogenase **MTHFD1** and **MTHFD2** inhibitor with IC₅₀ of 96 nM and 663 nM, respectively. MTHFD2 is a novel target for drug development.

References

Tedeschi PM, et al. *Mol Cancer Res.* 2015 Oct;13(10):1361-6.
Gustafsson R, et al. *Cancer Res.* 2017 Feb 15;77(4):937-948.

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

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