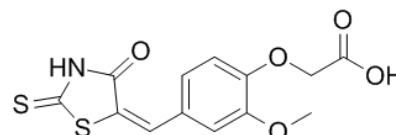


Product Name : IMR-1A
Cat. No. : PC-42155
CAS No. : 331862-41-0
Molecular Formula : C₁₃H₁₁NO₅S₂
Molecular Weight : 325.3601
Target : Notch
Solubility : DMSO: ≥ 31 mg/mL



Biological Activity

IMR-1A is a small molecule inhibitor of the **Notch** transcriptional activation complex that prevents the recruitment of Maml1 to the Notch Ternary Complex (NTC) on chromatin (IC₅₀=0.5 μM).

IMR-1A non-covalently binds to intracellular domain of Notch (NICD) with K_d of 2.9 μM.

IMR-1A inhibits Notch target gene transcription and selectively suppresses colony formation of Notch-dependent cell lines.

IMR-1A is the acid metabolite of IMR-1.

References

Astudillo L, et al. *Cancer Res.* 2016 Jun 15;76(12):3593-603.

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

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