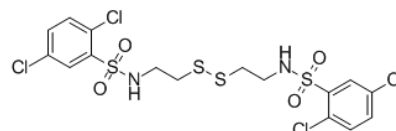


Product Name : KC7F2
Cat. No. : PC-45555
CAS No. : 927822-86-4
Molecular Formula : C₁₆H₁₆Cl₄N₂O₄S₄
Molecular Weight : 570.3812
Target : HIF/HIF Prolyl-hydroxylase
Solubility : DMSO: ≥ 32 mg/mL



Biological Activity

KC7F2 is a small molecule **HIF-1α** translation inhibitor with IC₅₀ of 20 μM.

KC7F2 prevents the activation of HIF-target genes such as CA IX, MMP2, Endothelin 1, and Enolase 1.

KC7F2 down regulates of HIF-1α protein synthesis by suppression of the phosphorylation of 4EBP1 and p70S6K.

References

Narita T, et al. *Clin Cancer Res*. 2009 Oct 1;15(19):6128-36.

Guan G, et al. *Cancer Lett*. 2015 Feb 1;357(1):254-64.

Cammarata PR, et al. *Mol Vis*. 2015 Sep 1;21:1024-35.

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

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