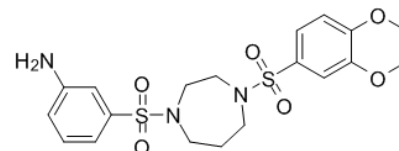


Product Name : DASA-58
Cat. No. : PC-45611
CAS No. : 1203494-49-8
Molecular Formula : C₁₉H₂₃N₃O₆S₂
Molecular Weight : 453.5324
Target : Pyruvate Kinase
Solubility : DMSO: ≥ 35 mg/mL



Biological Activity

DASA-58 is a potent activator of **PKM2** (pyruvate kinase M2) with AC50 of 38 nM; shows no activity on PKM1 in vitro. DASA-58 binds to PKM2 at the subunit interaction interface site that is distinct from that of the endogenous activator FBP. DASA-58 inhibits LPS-induced HIF-1α and IL-1β, as well as the expression of a range of other HIF-1α-dependent genes.

References

- Anastasiou D, et al. *Nat Chem Biol*. 2012 Oct;8(10):839-47.
Palsson-McDermott EM, et al. *Cell Metab*. 2015 Jan 6;21(1):65-80.
Giannoni E, et al. *Oncotarget*. 2015 Sep 15;6(27):24061-74.

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

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