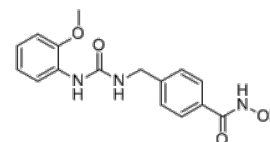


Product Name : Elevenostat
Cat. No. : PC-72094
CAS No. : 1454902-97-6
Molecular Formula : C₁₆H₁₇N₃O₄
Molecular Weight : 315.329
Target : HDAC
Solubility : 10 mM in DMSO



Biological Activity

Elevenostat (JB3-22) is a selective **HDAC11** inhibitor with IC₅₀ of 0.235 uM.

Elevenostat (JB3-22) reversed the inhibitory effects of HDAC11 at the Foxp3 promoter in vitro, also partially reversed the inhibitory effect of HDAC11 on p300-induced Foxp3 acetylation at lysine 31.

HDAC11 targeting with Elevenostat (JB3-22) for post-transplant can promote Treg suppressive activity and lead to long-term allograft survival.

References

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Liyan Sui, et al. **Cell Cycle**. 2020 Feb;19(3):354-362.

Huang J, et al. **Sci Rep**. 2017;7:8626.

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

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