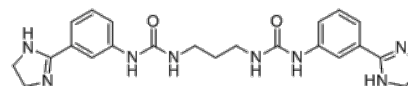


Product Name : p32 inhibitor M36
Cat. No. : PC-62549
CAS No. : 802555-85-7
Molecular Formula : C₂₃H₂₈N₈O₂
Molecular Weight : 448.531
Target : PKC
Solubility : 10 mM in DMSO



Biological Activity

p32 inhibitor M36 is a novel small molecule inhibitor of **p32 mitochondrial protein**, binds directly to p32 and inhibits p32 association with LyP-1.

p32 inhibitor M36 inhibits glioma cell proliferation with IC₅₀ of 7.3 uM under low glucose (2 mM) conditions.

p32 inhibitor M36 also is a potent inhibitor of patient-derived neurospheres with IC₅₀ of 2.8 uM.

p32 inhibitor M36 selectively targets high p32 expressing cells, promotes an increase in lactate production resulting in media acidification.

References

Yenugonda V, et al. *J Transl Med.* 2017 Oct 18;15(1):210.

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

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