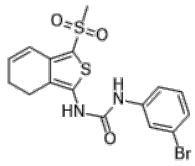
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Data Sheet

Global Supplier of Chemical Probes, Inhibitors & Agonists.

Product Name	:	LZX-2-73
Cat. No.	:	PC-23558
CAS No.	:	3098154-14-1
Molecular Formula	:	$C_{16}H_{15}BrN_2O_3S_2$
Molecular Weight	:	427.33
Target	:	Other Targets
Solubility	:	10 mM in DMSO



Biological Activity

LZX-2-73 is a specific and effective **NUPR1** inhibitor with Kd of 2.7 uM, inhibits MIA PaCa-2 cell proliferation with IC50 of 10.9 uM.
LZX-2-73 is more efficient than AJO14 in vitro and in vivo.
5 or 25 mg/kg of LZX-2-73 showed slow tumor growth and a significantly reduced tumor volume compared to the control group in a dose-dependent manner.
LZX-2-73 does not bind to hERG, indicating no risk of cardiotoxicity.

References

Liu X, et al. ***Sci Rep***. 2024 Nov 27;14(1):29515.

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

E-mail: tech@probechem.com