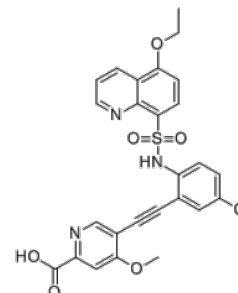


Product Name : MSC-4381
Cat. No. : PC-72709
CAS No. : 2445185-57-7
Molecular Formula : C₂₆H₂₀ClN₃O₆S
Molecular Weight : 537.971
Target : Monocarboxylate Transporter (MCT)
Solubility : 10 mM in DMSO



Biological Activity

MSC-4381 (MCT4 inhibitor 18n) is a potent, selective inhibitor of monocarboxylate transporter 4 (**MCT4**/SLC16A3). In vitro treatment with 18n resulted in lactate efflux inhibition and reduction of cellular viability in MCT4 high expressing cells.

MCT4 inhibitor 18n demonstrated lactate modulation and antitumor activity in a mouse tumor model.

References

Timo Heinrich, et al. *J Med Chem.* 2021 Aug 26;64(16):11904-11933.

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

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