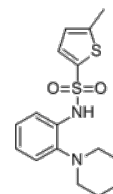


Product Name : MK6-83
Cat. No. : PC-21060
CAS No. : 1062271-24-2
Molecular Formula : C₁₆H₂₀N₂O₂S₂
Molecular Weight : 336.47
Target : TRP Channel
Solubility : 10 mM in DMSO



CAS: 1062271-24-2

Biological Activity

MK6-83 is a specific transient receptor potential mucolipin -1 (TRPML1/MCOLN1) agonist, activates the entire endosomal TRPML1 current in DMD myocytes with EC₅₀ of 285 nM.

MK6-83 is more potent than ML-SA1.

MK6-83 arrests autophagic flux by perturbing fusion between autophagosomes and lysosomes.

References

Morelli MB, et al. *Cancers (Basel)*. 2019 Apr 12;11(4):525.

Jiansong Qi, et al. *Autophagy*. 2021 Dec;17(12):4401-4422.

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

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