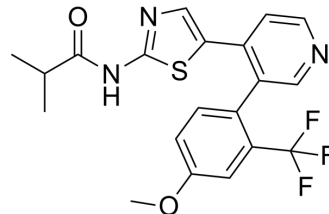


CRT 0105446

Cat. No.:	HY-123345
CAS No.:	1661846-05-4
Molecular Formula:	C ₂₀ H ₁₈ F ₃ N ₃ O ₂ S
Molecular Weight:	421.44
Target:	LIM Kinase (LIMK)
Pathway:	Cell Cycle/DNA Damage
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	CRT 0105446 (compound 22d) is a LIMK1 inhibitor, with an IC ₅₀ of 8 nM ^[1] .
In Vitro	CRT 0105446 (compound 22d) inhibits the invasion of the cells through matrigel at a concentration of 3 μM, whilst not significantly affecting cell viability even at the higher compound concentration of 10 μM ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Mark D Charles, et al. Discovery, Development, and SAR of Aminothiazoles as LIMK Inhibitors with Cellular Anti-Invasive Properties. J Med Chem. 2015 Oct 22;58(20):8309-13.

Caution: Product has not been fully validated for medical applications. For research use only.

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