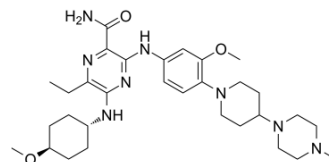


EML4-ALK kinase inhibitor 1

Cat. No.:	HY-111752
CAS No.:	1373409-08-5
Molecular Formula:	C ₃₁ H ₄₈ N ₈ O ₃
Molecular Weight:	580.76
Target:	ALK
Pathway:	Protein Tyrosine Kinase/RTK
Storage:	Please store the product under the recommended conditions in the COA.



BIOLOGICAL ACTIVITY

Description	EML4-ALK kinase inhibitor 1 is a potent oral active inhibitor of echinoderm microtubule-associated protein-like 4-anaplastic lymphoma kinase (EML4-ALK), with an IC ₅₀ of 1 nM ^[1] .
IC ₅₀ & Target	IC ₅₀ : 1 nM (EML4-ALK) ^[1] .

REFERENCES

[1]. Iikubo K, et al. Synthesis and structure-activity relationships of pyrazine-2-carboxamide derivatives as novel echinoderm microtubule-associated protein-like 4 (EML4)-anaplastic lymphoma kinase (ALK) inhibitors. *Bioorg Med Chem*. 2019 Apr 15;27(8):1683-1692.

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

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