

Product Datasheet

EML4-ALK kinase inhibitor 1

Catalog No. **BP-00030** · CAS **1373409-08-5** · Form **free base** · Physical state **solid** · Color **Light yellow to yellow** · Version **1.0**
· Revision **2026-10-08**

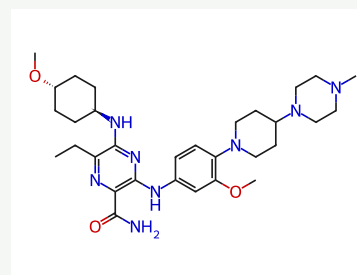
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Target Anaplastic lymphoma kinase (ALK)	Research area Cancer
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Molecular formula **C₃₁H₄₈N₈O₃**

Molecular weight **580.7646**

STRUCTURE



DESCRIPTION

EML4-ALK kinase inhibitor 1 is a potent orally active inhibitor of echinoderm microtubule-associated protein-like 4-anaplastic lymphoma kinase (EML4-ALK), with an IC₅₀ of 1 nM.

SOLUBILITY

Soluble in DMSO : 110 mg/mL

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):1683-169

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