

Product Data Sheet

Product Name: EML4-ALK kinase inhibitor 1

Cat. No.: GC35979

Chemical Properties

Cas. No. 1373409-08-5

SMILES CO[C@H]1CC[C@H](NC2=C(CC)N=C(C(N)=O)C(NC3=CC(OC)=C(N4CCC(N5CCN(C)CC5)CC4)C=C3)=N2)CC1

Formula $C_{31}H_{48}N_8O_3$ M.Wt 580.76

Solubility Soluble in DMSO Storage Store at -20°C, sealed storage, away from moisture and light

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

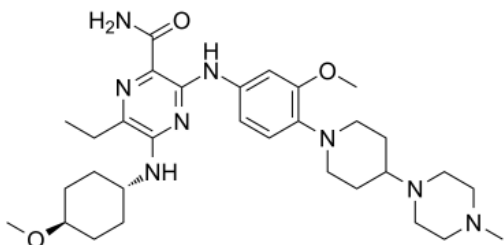
Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

Product Data Sheet

Structure



Background

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 IC₅₀ of 1 nM[1]. IC₅₀: 1 nM (EML4-ALK)[1].

[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.

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