

Product Data Sheet

Product Name: AST2818 mesylate

Cat. No.: GC33096

Chemical Properties

Cas. No. 2130958-55-1

SMILES C=CC(NC1=CC(NC2=NC=CC(C3=CN(C)C4=C3C=CC=C4)=N2)=C(OCC(F)(F)F)N=C1N(CCN(C)C)C)=O.CS(=O)(O)=O

Formula $C_{29}H_{35}F_3N_8O_5S$ M.Wt 664.7

Solubility DMSO : 5 mg/mL (7.52 mM) Storage Store at -20°C, unstable in solution, ready to use.

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.

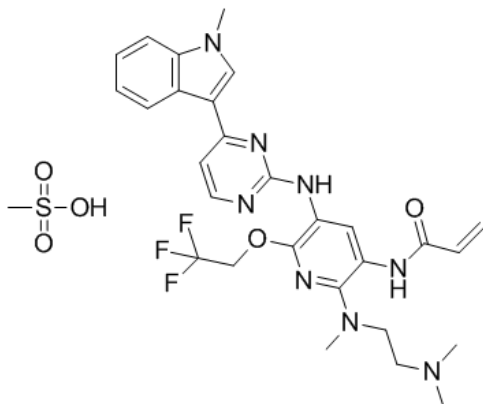
Caution: Product has not been fully validated for medical applications. For research use only.

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

AST2818 mesylate is an EGFR inhibitor.

AST2818 mesylate is designed to inhibit EGFR active mutations as well as the T790M acquired resistant mutation[1].

[1]. Y. Shi, et al. P2.03-028 Third Generation EGFR Inhibitor AST2818 (Alflutinib) in NSCLC Patients with EGFR T790M Mutation: A phase1/2 Multi-Center Clinical Trial. J Thorac Oncol. 2017 Nov, 12(11): S2138.

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