

Product Data Sheet

Product Name: YK-029A
Cat. No.: GC73582

Chemical Properties

Cas. No. 2064269-82-3

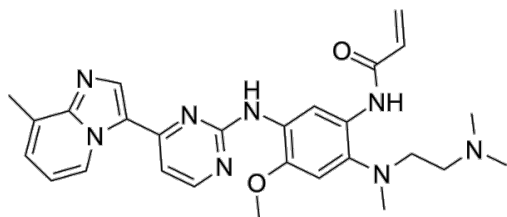
Formula $C_{27}H_{32}N_8O_2$ M.Wt 500.6

Solubility DMSO : 100 mg/mL (199.76 mM; Storage -20°C
Need ultrasonic)

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.

Structure



Background

YK-029A is an orally active inhibitor of mutant EGFR, targeting to both the T790M mutations

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

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(EGFRT790M) and exon 20 insertion of EGFR (EGFRex20ins). YK-029A exhibits significant antitumor activity, and results tumor regression in EGFRex20ins-driven PDX models.

References:

[1]. Liu B, et al. Discovery of YK-029A, a novel mutant EGFR inhibitor targeting both T790M and exon 20 insertion mutations, as a treatment for NSCLC. Eur J Med Chem. 2023 Oct 5;258:115590.

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