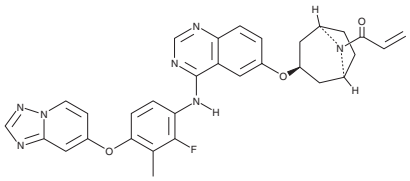
PRODUCT INFORMATION

EX-A16580

Item No. 46100

CAS Registry No.: 2989904-86-9
Formal Name: 1-[(3-endo)-3-[[4-[[2-fluoro-3-methyl-4-([1,2,4]-triazolo[1,5-a]pyridin-7-yloxy)phenyl]amino]-6-quinazolinyl]oxy]-8-azabicyclo[3.2.1]oct-8-yl]-2-propen-1-one
MF: $C_{31}H_{28}FN_7O_3$
FW: 565.6
Purity: ≥98%
Supplied as: A solid
Storage: -20°C
Stability: ≥4 years



Information represents the product specifications. Batch specific analytical results are provided on each certificate of analysis.

Laboratory Procedures

EX-A16580 is supplied as a solid. A stock solution may be made by dissolving the EX-A16580 in the solvent of choice, which should be purged with an inert gas. EX-A16580 is slightly soluble (0.1-1 mg/ml) in acetonitrile and DMSO.

Description

EX-A16580 is an anticancer agent.[1] It selectively inhibits the proliferation of Ba/F3 cells expressing wild-type HER2 or the exon 20 insertion mutant HER2 A775_G776 insYVMA over those expressing wild-type EGFR (GI_{50}s = 4.1, 3.4, and 3,742 nM, respectively).

Reference

1. Li, X., Wang, B., Dong, H., *et al.* Nitrogen-containing heterocyclic compound, preparation method therefor, and pharmaceutical application thereof. *Jiangsu Hengrui Pharmaceuticals Co. Ltd. and Shanghai Hengrui Pharmaceutical Co. Ltd.* **US 2025/0206760 A1** (2025).

WARNING
THIS PRODUCT IS FOR RESEARCH ONLY - NOT FOR HUMAN OR VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

SAFETY DATA
This material should be considered hazardous until further information becomes available. Do not ingest, inhale, get in eyes, on skin, or on clothing. Wash thoroughly after handling. Before use, the user must review the complete Safety Data Sheet, which has been sent *via* email to your institution.

WARRANTY AND LIMITATION OF REMEDY
Buyer agrees to purchase the material subject to Cayman's Terms and Conditions. Complete Terms and Conditions including Warranty and Limitation of Liability information can be found on our website.

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CAYMAN CHEMICAL
1180 EAST ELLSWORTH RD
ANN ARBOR, MI 48108 · USA
PHONE: [800] 364-9897
[734] 971-3335
FAX: [734] 971-3640
CUSTSERV@CAYMANCHEM.COM
WWW.**CAYMANCHEM**.COM