Momelotinib

Selective inhibitor of JAK1 and JAK2 kinases including the JAK2 V617F mutant

Using ATP kinase assays, the IC_{50} values for CYT387 are a follows - JAK1 (11nM), JAK2, (18nM), JAK2 V617F (23nM) JAK3 (155nM), and TYK2 (17nM). In testing kinase arrays, CYT387 also had activity (defined as an IC_{50} < 100nM) detected against CDK2/cyclin A, MAPK8 (JNK1), PRKCN (PKD3), PRKD1 (PKCμ), ROCK2, and TBK1 kinase as well.

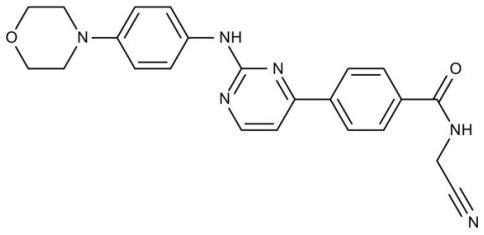
Ordering Information

Order Online »

ENZ-CHM197-0001	1mg

Manuals, SDS & CofA

View Online »


O
N
NH
N
N
O
NH
N

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended.
Short Term Storage	+4°C
Long Term Storage	-20°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	CYT 387, N-□□(cyanomethyl)□-□□4-□□[2-□□[[4-□□(4-□□morpholinyl)□phenyl]□amino]□-□□4-□□pyrimidinyl]□-□benzamide
Appearance	Yellow to orange powder.
CAS	1056634-68-4
Couple Target	CDK, JAK, Jnk, PKD, ROCK, TANK-binding kinase, TYK
Couple Type	Inhibitor
Formula	$C_{23}H_{22}N_6O_2$
Identity	Determined by NMR.
MW	414.5
Purity	≥97% (HPLC)
Solubility	Soluble in DMSO (>20mM).

Last modified: May 29, 2024

ENZO LIFE SCIENCES, INC.
Phone: 800.942.0430
info-usa@enzolifesciences.com

European Sales Office
ENZO LIFE SCIENCES (ELS) AG
Phone: +41 61 926 8989
info-eu@enzolifesciences.com

Belgium, The Netherlands & Luxembourg
Phone: +32 3 466 0420
info-be@enzolifesciences.com

France
Phone: +33 472 440 655
info-fr@enzolifesciences.com

Germany
Phone: +49 7621 5500 526
info-de@enzolifesciences.com

UK & Ireland
Phone (UK customers): 0845 601 1488
Phone: +44 1392 825900
info-uk@enzolifesciences.com

For local distributors and detailed product information visit us online: enzo.com All product names, logos, and brands are the property of their respective owners.