eFT508

Potent MNK1/2 inhibitor

eFT508 is a potent and highly selective inhibitor of the mitogen-activated protein kinase interacting kinases 1 and 2 (MNK1/2), key regulators of mRNA translation protein eukaryotic initiation factor eIF4E.1 It potently inhibits phosphorylation of eIF4E in multiple solid and hematological tumor lines leading to blockade of pro-inflammatory and pro-tumorigenic cytokine production. Displays inhibitory effects in various cancers models including acute myeloid leukemia, gastric, and breast. eFT-508 has also shown efficacy in treating neuropathic pain via the MNK-eIF4E pathway.

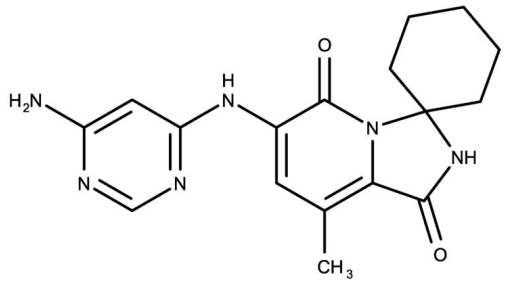
Ordering Information

Order Online »

ENZ-CHM448-0025	25mg

Manuals, SDS & CofA

View Online »


H2N
H
N
O
N
NH
N
N
O
CH3

Handling & Storage

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

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	6-[(6-Aminopyrimidin-4-yl)amino]-8-methylspiro[2H-imidazo[1,5-a]pyridine-3,1'-cyclohexane]-1,5-dione
Appearance	Pale yellow solid.
CAS	1849590-01-7
Couple Type	Inhibitor
Formula	$C_{17}H_{20}N_6O_2$
Identity	Determined by NMR.
MW	340.39
Purity	≥98% (HPLC)
Solubility	Soluble in DMSO (2 mg/ml with warming).

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