AZD7648

DNA-PK inhibitor/CRISPR enhancer

AZD7648 is a very potent and selective DNA-PK inhibitor. It is a sensitizer of radiation- and doxorubicin-induced DNA damage and sustained tumor regression in xenograft and patient-derived xenograft models. AZD7648 significantly enhances precise CRISPR/Cas9 gene editing alone or in combined treatment with a DNA polymerase theta inhibitor (2iHDR cocktail).

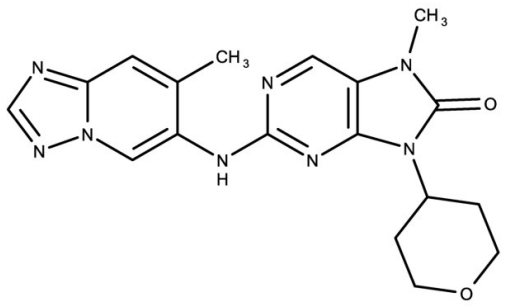
Ordering Information

Order Online »

ENZ-CHM449-0025	25mg

Manuals, SDS & CofA

View Online »


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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	7-Methyl-2-[(7-methyl-[1,2,4]triazolo[1,5-a]pyridine-6-yl)amino]-9-(oxan-4-yl)purin-8-one
Appearance	White solid.
CAS	2230820-11-6
Couple Type	Inhibitor
Formula	$C_{18}H_{20}N_8O_2$
Identity	Determined by NMR.
MW	380.41
Purity	≥98% (HPLC)
Solubility	Soluble in DMSO (5 mg/ml with warming).

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