Compound 115-7c

HSP70 modulator

Acts as an artificial co-chaperone for HSP70. The activity of compound 115-7c mirrors those of HSP40 stimulating the ATPase and protein-folding activities of prokaryotic HSP70. Increases tau levels in cell lines overexpressing tau. Induces solubilization of polyglutamine and exacerbates polyQ-mediated toxicity. An important probe for understanding HSP70 functions.

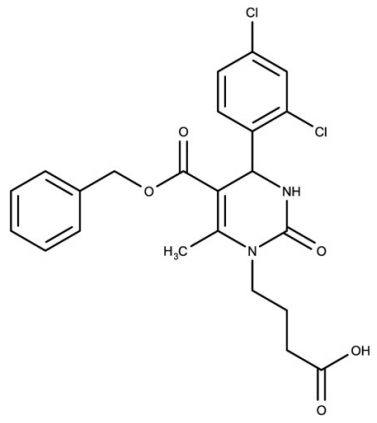
Ordering Information

Order Online »

ENZ-CHM471-0025	25mg

Manuals, SDS & CofA

View Online »


Cl
Cl
O
O
NH
H_3C
N
O
OH
O

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	4-(5-((Benzyloxycarbonyl)-4-(2,4-dichlorophenyl)-6-methyl-2-oxo-3,4-dihydropyrimidin-1(2H)-yl)butanoic acid
Appearance	Off-white solid.
CAS	908074-72-6
Couple Target	HSP70
Couple Type	Activator
Formula	$C_{23}H_{22}Cl_2N_2O_5$
Identity	Determined by NMR.
MW	477.34
Purity	≥98% (TLC)
Solubility	Soluble in DMSO (20 mg/ml).

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