

DPP8/9-IN-1

## Chemical Properties

CAS No. :

Formula:

Molecular Weight:

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

## Biological Description

Description	DPP8/9-IN-1 (Compound 16) is a selective covalent inhibitor of dipeptidyl peptidase 8 and 9 (DPP8/9), with IC50 values of 14 nM and 298 nM, respectively. It irreversibly binds to the active site serine (such as S730 in DPP9) through a phosphate ester warhead, blocking substrate binding and inhibiting DPP8/9-mediated protein processing. DPP8/9-IN-1 holds potential for research in cancer and inflammatory diseases.
Targets(IC50)	Proteasome

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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