

AMPK-IN-5

## Chemical Properties

CAS No. :

Formula: C<sub>24</sub>H<sub>34</sub>N<sub>2</sub>O<sub>4</sub>

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	AMPK-IN-5 (compound 7m) is a derivative of osthole that inhibits MAPK signaling by blocking the phosphorylation of JNK and p38, thereby suppressing the release of inflammatory cytokines. AMPK-IN-5 can reduce ulcerative colitis induced by dextran sulfate sodium and acute lung injury induced by LPS.
Targets(IC50)	JAK,p38 MAPK

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