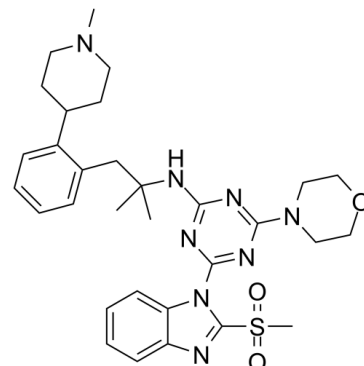


Data Sheet

Product Name:	P110δ-IN-1
Cat. No.:	CS-0085301
CAS No.:	1595129-71-7
Molecular Formula:	C ₃₁ H ₄₀ N ₈ O ₃ S
Molecular Weight:	604.77
Target:	PI3K
Pathway:	PI3K/Akt/mTOR
Solubility:	DMSO : 20.83 mg/mL (34.44 mM; Need ultrasonic); H ₂ O : < 0.1 mg/mL (insoluble)



BIOLOGICAL ACTIVITY:

P110δ-IN-1 is a potent and selective inhibitor of **P110δ** extracted from patent WO 2014055647 A1, with an IC₅₀ of 8.4 nM^[1].

References:

[1]. S. David Brown , et al. (sulfinyl and sulfonyl benzimidazolyl) pyrimidines and triazines, pharmaceutical compositions thereof, and their use for treating proliferative diseases. WO2014055647A1

CAIndexNames:

1,3,5-Triazin-2-amine, N-[1,1-dimethyl-2-[2-(1-methyl-4-piperidiny)phenyl]ethyl]-4-[2-(methylsulfonyl)-1H-benzimidazol-1-yl]-6-(4-morpholinyl)-

SMILES:

O=S(C1=NC2=CC=CC=C2N1C3=NC(N4CCOCC4)=NC(NC(C)(C)CC5=CC=CC=C5C6CCN(C)CC6)=N3)(C)=O

Caution: Product has not been fully validated for medical applications. For research use only.

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