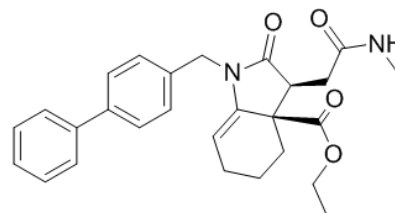


Product Name : Fumarase-IN-1
Cat. No. : PC-42018
CAS No. : 1644060-37-6
Molecular Formula : C₂₇H₃₀N₂O₄
Molecular Weight : 446.5381
Target : Fumarase
Solubility : 10 mM in DMSO



Biological Activity

A cell-permeable small molecule inhibitor of Fumarase (fumarate hydratase), an enzyme of the tricarboxylic acid cycle (TCA cycle); elicits a nutrient-dependent cytotoxicity in a number of cancer cell lines, and displays increased growth-inhibitory activity toward SW620 cell line grown in the absence of glucose.

References

Takeuchi T, et al. J Am Chem Soc. 2015 Jan 21;137(2):564-7.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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