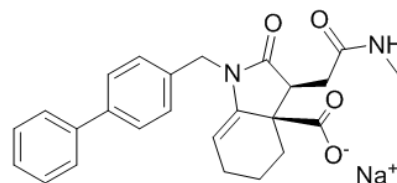


Product Name : Fumarase-IN-2 sodium
Cat. No. : PC-42019
CAS No. : 2070009-45-7
Molecular Formula : C₂₅H₂₅N₂NaO₄
Molecular Weight : 440.4668
Target : Fumarase
Solubility : DMSO: 10.66 mg/mL



Biological Activity

Fumarase-IN-2 sodium is a cell-permeable small molecule inhibitor of **Fumarase** (fumarate hydratase), an enzyme of the tricarboxylic acid cycle (TCA cycle).

Fumarase-IN-2 sodium elicits a nutrient-dependent cytotoxicity in a number of cancer cell lines.

Fumarase-IN-2 sodium displays increased growth-inhibitory activity toward SW620 cell line grown in the absence of glucose (mean IC₅₀=2.2 uM).

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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