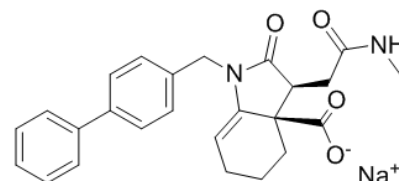


**Product Name** : Fumarase-IN-2 sodium  
**Cat. No.** : PC-42019  
**CAS No.** :  
**Molecular Formula** : C<sub>25</sub>H<sub>25</sub>N<sub>2</sub>NaO<sub>4</sub>  
**Molecular Weight** : 440.4668  
**Target** : Fumarase  
**Solubility** : DMSO: 10.66 mg/mL



## 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 (mean IC<sub>50</sub>=2.2 μM).

## 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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