



## Product Information

**Product ID** J8800

**CAS No.** 664993-53-7

**Chemical Name**

**Synonym** Tankyrase 1/2 Inhibitor IV

**Formula** C<sub>25</sub>H<sub>26</sub>N<sub>2</sub>O<sub>5</sub>

**Formula Wt.** 434.49

**Melting Point**

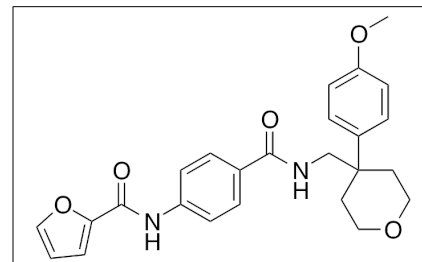
**Purity** ≥98%

**Solubility** 10 mM in DMSO

**Store Temp** -20°C

**Ship Temp** Ambient

**Description** JW55 is an inhibitor of tankyrases (TNKS1/2) that stabilizes the B-catenin degradation complex, suppressing Wnt signaling. JW55 displays anti-obesity and potential anticancer activities. In animal models of high-fat diet and diabetes, JW55 decreases body weight and intestinal epithelial stem cell proliferation.



**Bulk quantities available upon request**

Product ID	Size
J8800	1 mg
J8800	5 mg
J8800	25 mg

**References** Mao J, Hu X, Xiao Y, et al. Overnutrition stimulates intestinal epithelium proliferation through B-catenin signaling in obese mice. *Diabetes*. 2013 Nov;62(11):3736-46. PMID: 23884889.

Waler J, Machon O, Tumova L, et al. A novel tankyrase inhibitor decreases canonical Wnt signaling in colon carcinoma cells and reduces tumor growth in conditional APC mutant mice. *Cancer Res*. 2012 Jun 1;72(11):2822-32. PMID: 22440753.

**Caution:** This product is intended for laboratory and research use only. It is not for human or drug use.