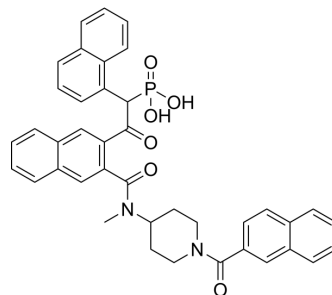


JNJ-10311795

Cat. No.:	HY-122161
CAS No.:	518062-14-1
Molecular Formula:	C ₄₀ H ₃₅ N ₂ O ₆ P
Molecular Weight:	670.69
Target:	Cathepsin
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	JNJ-10311795 (RWJ-355871), a potent dual inhibitor of neutrophil cathepsin G ($K_i = 38$ nM) and mast cell chymase ($K_i = 2.3$ nM), exhibits noteworthy antiinflammatory activity ^[1] .
IC₅₀ & Target	Ki: 38 nM (cathepsin G), 2.3 nM (chymase) ^[1] .

REFERENCES

[1]. Lawrence de Garavilla, et al. A novel, potent dual inhibitor of the leukocyte proteases cathepsin G and chymase: molecular mechanisms and anti-inflammatory activity in vivo. *J Biol Chem.* 2005 May 6;280(18):18001-7.

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

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