

# WP-1130

Cat. # F2120

<b>Also Known as:</b>	Degrasyn, (2E)-3-(6-Bromo-2-pyridinyl)-2-cyano-N-[(1S)-1-phenylbutyl]-2-propenamide
<b>Formula:</b>	C <sub>19</sub> H <sub>18</sub> BrN <sub>3</sub> O
<b>MW:</b>	384.3 Da
<b>CAS No.:</b>	856243-80-6
<b>Source:</b>	Synthetic
<b>Form:</b>	Lyophilized powder
<b>Solubility:</b>	50 mg/ml in DMSO
<b>Concentration:</b>	N/A
<b>Quality Assurance:</b>	> 98% (TLC); NMR (Confirms)
<b>Description:</b>	WP-1130 is a partial selective inhibitor of DUBs including Usp9x, Usp5, Usp14, UchL1 and Uch37. WP-1130 treatment was found to suppress the Jak-Stat signaling pathway, induce aggresome formation and lead to tumor cell apoptosis. Typical concentration for cell culture experiments is 1-5μM.
<b>Storage:</b>	Eligible for room temperature shipping. Store at -20°C upon receiving; protect from air and light
<b>Literature:</b>	1. Kapuria V <i>et al.</i> . (2010) Cancer Res. 70(22):9265-76. 2. Bartholomeusz GA <i>et al.</i> . (2007) Blood. 109(8):3470-8.

