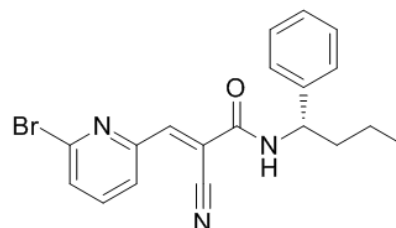


**Product Name** : WP1130  
**Cat. No.** : PC-43444  
**CAS No.** : 856243-80-6  
**Molecular Formula** : C<sub>19</sub>H<sub>18</sub>BrN<sub>3</sub>O  
**Molecular Weight** : 384.27  
**Target** : Bcr-Abl  
**Solubility** : DMSO: ≥ 33 mg/mL



## Biological Activity

WP1130 (Degrasyn) is a small molecule that specifically and rapidly down-regulates both wild-type and mutant **Bcr/Abl** protein without affecting bcr/abl gene expression (IC<sub>50</sub>=1.8 uM), also inhibits deubiquitinases and blocks autophagy. WP1130 reduces leukemic versus normal hematopoietic colony formation and strongly inhibits colony formation of cells derived from patients with T315I mutant Bcr/Abl-expressing CML in blast crisis.

WP1130 suppresses the growth of K562 heterotransplanted tumors as well as both wild-type Bcr/Abl and T315I mutant Bcr/Abl-expressing BaF/3 cells in vivo.

WP1130 acts as a partly selective DUB inhibitor, directly inhibiting DUB activity of USP9x, **USP5**, USP14, and UCH37, triggers aggresome formation and tumor cell apoptosis.

## References

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**Caution: Product has not been fully validated for medical applications. Lab Use Only!**

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