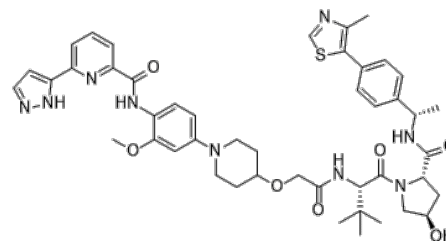


**Product Name** : JNJ-1013  
**Cat. No.** : PC-27068  
**CAS No.** : 2597343-08-1  
**Molecular Formula** : C<sub>46</sub>H<sub>55</sub>N<sub>9</sub>O<sub>7</sub>S  
**Molecular Weight** : 878.06  
**Target** : PROTAC  
**Solubility** : 10 mM in DMSO



CAS: 2597343-08-1

## Biological Activity

JNJ-1013 is a highly potent, selective interleukin-1 receptor-associated kinase 1 (IRAK1) PROTAC degrader with DC50 of 3 nM in HBL-1 cells, Dmax=96%.

JNJ-1013 inhibits cell proliferation of HBL-1 cells with IC50 of 0.06 μM.

JNJ-1013 induces apoptosis and increases the expression of cleaved PARP.

JNJ-1013 potently inhibited IRAK1 downstream signaling pathways and demonstrated strong anti-proliferative effects in ABC DLBCL cells with MyD88 mutation.

## References

Liqiang Fu, et al. J Med Chem. 2021 Aug 12;64(15):10878-10889.

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

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