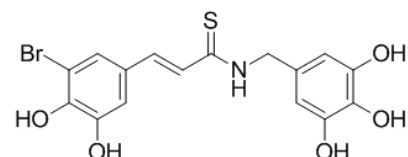


**Product Name** : NT-157  
**Cat. No.** : PC-42046  
**CAS No.** : 1384426-12-3  
**Molecular Formula** : C<sub>16</sub>H<sub>14</sub>BrNO<sub>5</sub>S  
**Molecular Weight** : 412.2551  
**Target** : Insulin Receptor  
**Solubility** : DMSO: ≥ 30 mg/mL



## Biological Activity

A novel potential anti-cancer agent and IGF1R signaling inhibitor that targets insulin receptor substrates IRS1/2 to degradation; dose-dependently suppresses IGF1-stimulated activation of IGF1R Y980 phosphorylation (>60% at 2.5 μM) in LNCaP cells, correlated with enhanced ERK activation and IRS1/2 serine phosphorylation and degradation; suppresses CRPC progression of LNCaP xenografts, and PC3 tumor growth alone and combination with docetaxel.

## References

- Ibuki N, et al. Mol Cancer Ther. 2014 Dec;13(12):2827-39.  
Reuveni H, et al. Cancer Res. 2013 Jul 15;73(14):4383-94.  
Sanchez-Lopez E, et al. Oncogene. 2016 May 19;35(20):2634-44.

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

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