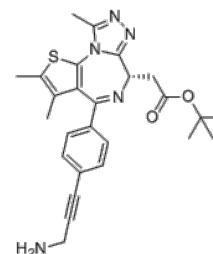


**Product Name** : GNE-0011  
**Cat. No.** : PC-21848  
**CAS No.** : 2413382-30-4  
**Molecular Formula** : C<sub>26</sub>H<sub>29</sub>N<sub>5</sub>O<sub>2</sub>S  
**Molecular Weight** : 475.61  
**Target** : Bromodomain  
**Solubility** : 10 mM in DMSO



CAS: 2413382-30-4

### Biological Activity

GNE-0011 is a monovalent, JQ1-based **BRD4 degrader** that is not linked to an E3 ligase binder, triggers proteasomal and ubiquitin-dependent selective degradation of BRD4 over BRD2 and BRD3.

GNE-0011 shows low nanomolar inhibition of c-Myc in cells (IC<sub>50</sub> = 2 nM).

GNE-0011 shows anticancer efficacy in a mouse xenograft model (EOL-1) at low doses (3 mg/kg QD IP).

The mechanism by which this monovalent pan-BET binder leads to selective BRD4 degradation is not fully understood.

### References

Blake, R. A. Abstract 4452: GNE-0011, a novel monovalent BRD4 degrader. *Cancer Res.* 79, 4452 (2019).

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

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