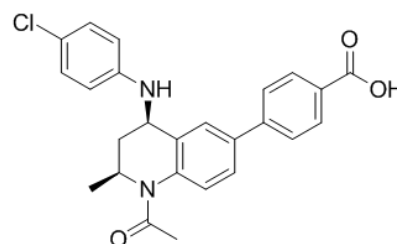


**Product Name** : I-BET726  
**Cat. No.** : PC-43808  
**CAS No.** : 1300031-52-0  
**Molecular Formula** : C<sub>25</sub>H<sub>23</sub>ClN<sub>2</sub>O<sub>3</sub>  
**Molecular Weight** : 434.9147  
**Target** : Bromodomain  
**Solubility** : DMSO: ≥ 46 mg/mL



## Biological Activity

I-BET726 (GSK1324726A) is a potent and selective inhibitor of **BET bromodomain** with IC<sub>50</sub> of 41 nM/31 nM/22 nM for BRD2/BRD3/BRD4 respectively.

I-BET726 (GSK1324726A) exhibits growth inhibition with a median growth IC<sub>50</sub> value of 75 nM in neuroblastoma cell lines.

I-BET726 (GSK1324726A) oral administration to mouse xenograft models of human neuroblastoma results in tumor growth inhibition and down-regulation MYCN and BCL2 expression.

## References

Gosmini R, et al. *J Med Chem.* 2014 Oct 9;57(19):8111-31.

Wyce A, et al. *PLoS One.* 2013 Aug 23;8(8):e72967.

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

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