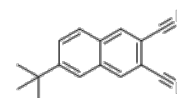


**Product Name** : BRD 9876  
**Cat. No.** : PC-62341  
**CAS No.** : 32703-82-5  
**Molecular Formula** : C<sub>16</sub>H<sub>14</sub>N<sub>2</sub>  
**Molecular Weight** : 234.302  
**Target** : Kinesin  
**Solubility** : 10 mM in DMSO



## Biological Activity

BRD 9876 is an ATP- and ADP-competitive **Eg5** (kinesin-5) inhibitor with  $K_i$  of 4 nM, selectively inhibits microtubule-bound Eg5 and inhibits multiple myeloma cell growth ( $IC_{50}$ =2.2  $\mu$ M).

BRD 9876 enhances Eg5-mediated microtubule stabilization.

## References

Chen GY, et al. *ACS Chem Biol*. 2017 Apr 21;12(4):1038-1046.

Chattopadhyay S, et al. *Cell Rep*. 2015 Feb 4. pii: S2211-1247(15)00030-3.

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

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