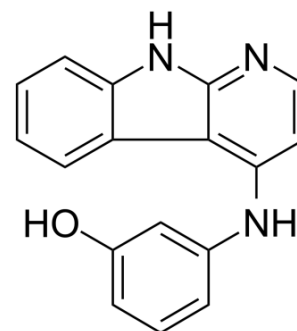


## Tilfrinib

Cat. No.:	HY-110244		
CAS No.:	1600515-49-8		
Molecular Formula:	C <sub>17</sub> H <sub>13</sub> N <sub>3</sub> O		
Molecular Weight:	275.3		
Target:	Others		
Pathway:	Others		
Storage:	Powder	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month



### BIOLOGICAL ACTIVITY

Description	Tilfrinib (compound 4f) is a potent and selective inhibitor of <b>breast tumor kinase (Brk)</b> with an IC <sub>50</sub> of 3.15 nM, which displays anti-proliferative activity and acts as a promising antitumor agent <sup>[1]</sup> .
IC <sub>50</sub> & Target	IC <sub>50</sub> : 3.15 nM (Brk) <sup>[1]</sup>

### REFERENCES

[1]. Mahmoud KA, et al. Discovery of 4-anilino  $\alpha$ -carbolines as novel Brk inhibitors. *Bioorg Med Chem Lett*. 2014 Apr 15;24(8):1948-51.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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