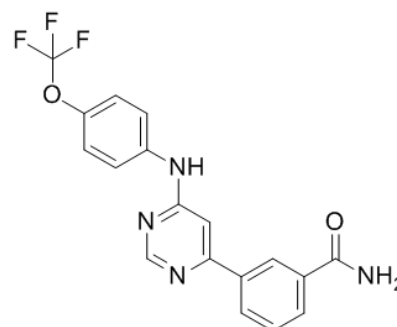


**Product Name** : GNF-2  
**Cat. No.** : PC-42783  
**CAS No.** : 778270-11-4  
**Molecular Formula** : C<sub>18</sub>H<sub>13</sub>F<sub>3</sub>N<sub>4</sub>O<sub>2</sub>  
**Molecular Weight** : 374.3166  
**Target** : Bcr-Abl  
**Solubility** : DMSO: ≥ 45 mg/mL



## Biological Activity

A potent, allosteric, non-ATP competitive Bcr-Abl inhibitor that shows exclusive antiproliferative activity toward Bcr-abl-transformed cells; causes growth inhibition of Bcr-Abl positive cell lines with IC<sub>50</sub>s of 273 nM (K562) and 268 nM (SUP-B15); inhibits mutant Bcr-Abl E255V, Y253H cell growth.

## References

- Adrián FJ, et al. Nat Chem Biol. 2006 Feb;2(2):95-102.  
Choi Y, et al. J Biol Chem. 2009 Oct 16;284(42):29005-14.  
Clark MJ, et al. Cell Chem Biol. 2016 Apr 21;23(4):443-52.

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

E-mail: tech@probechem.com