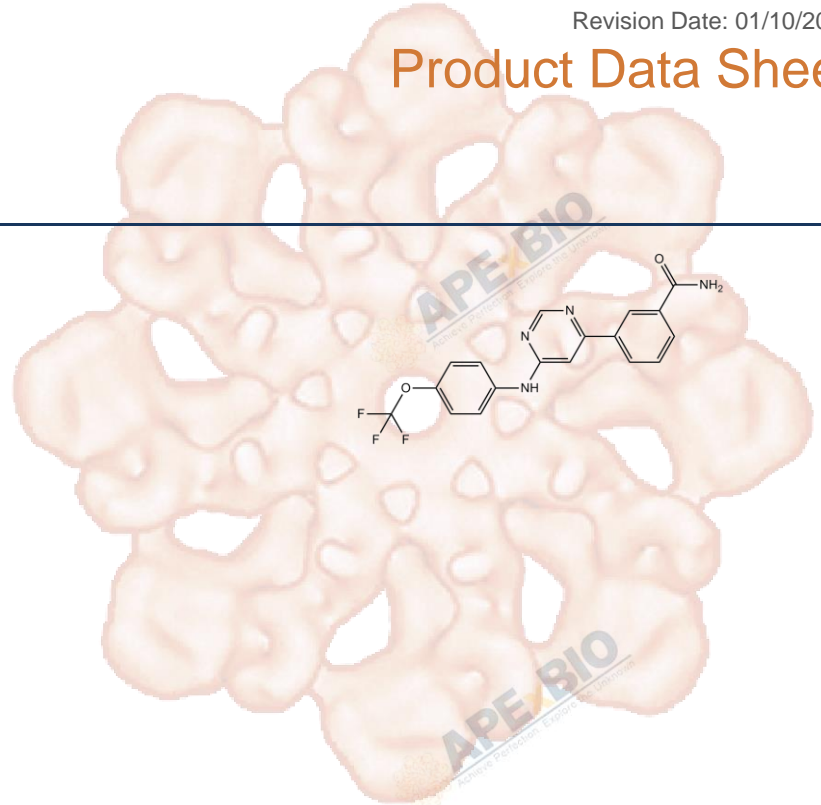


# Product Data Sheet

## GNF 2

<b>Cat. No.:</b>	A8603
<b>CAS No.:</b>	778270-11-4
<b>Formula:</b>	C18H13F3N4O2
<b>M.Wt:</b>	374.32
<b>Synonyms:</b>	
<b>Target:</b>	TGF- $\beta$ / Smad Signaling
<b>Pathway:</b>	Bcr-Abl
<b>Storage:</b>	Store at -20°C



### Solvent & Solubility

insoluble in H<sub>2</sub>O;  $\geq 18.7$  mg/mL in DMSO;  $\geq 9.8$  mg/mL in EtOH with gentle warming

In Vitro

Preparing Stock Solutions	Solvent		Mass		
	Concentration		1mg	5mg	10mg
	1 mM		2.6715 mL	13.3576 mL	26.7151 mL
	5 mM		0.5343 mL	2.6715 mL	5.3430 mL
	10 mM		0.2672 mL	1.3358 mL	2.6715 mL

Please refer to the solubility information to select the appropriate solvent.

### Biological Activity

Shortsummary

Bcr-Abl inhibitor

IC<sub>50</sub> & Target

268 nM (SUP-B15 cell line) 273 nM (K562 cell line) (Bcr-Abl)

In Vitro

#### Cell Viability Assay

Preparation method:

In Vivo

#### Animal experiment

Applications:

### Product Citations

See more customer validations on [www.apexbt.com](http://www.apexbt.com).

## References

## Caution

**FOR RESEARCH PURPOSES ONLY.**

**NOT FOR HUMAN, VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.**

Specific storage and handling information for each product is indicated on the product datasheet. Most APEX BIO products are stable under the recommended conditions. Products are sometimes shipped at a temperature that differs from the recommended storage temperature. Short-term storage of many products are stable in the short-term at temperatures that differ from that required for long-term storage. We ensure that the product is shipped under conditions that will maintain the quality of the reagents. Upon receipt of the product, follow the storage recommendations on the product data sheet.

**APEX BIO Technology**

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