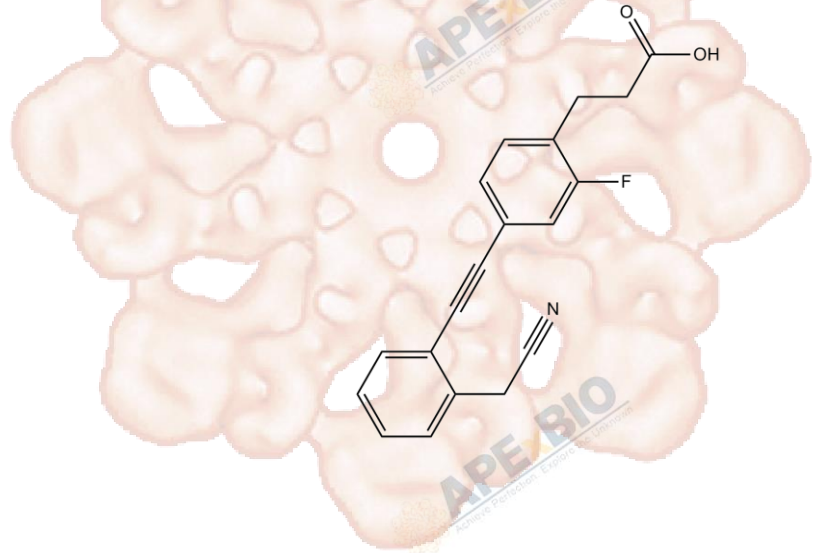


# Product Data Sheet

## TUG-770

<b>Cat. No.:</b>	A3895
<b>CAS No.:</b>	1402601-82-4
<b>Formula:</b>	C19H14FNO2
<b>M.Wt:</b>	307.32
<b>Synonyms:</b>	TUG770;TUG 770
<b>Target:</b>	GPCR/G protein
<b>Pathway:</b>	Free Fatty Acid Receptors
<b>Storage:</b>	Store at -20°C



## Solvent & Solubility

insoluble in H<sub>2</sub>O; ≥11.85 mg/mL in DMSO; ≥9.5 mg/mL in EtOH with gentle warming and ultrasonic

In Vitro

Preparing Stock Solutions	Solvent	Mass Concentration	Mass		
			1mg	5mg	10mg
		1 mM	3.2539 mL	16.2697 mL	32.5394 mL
		5 mM	0.6508 mL	3.2539 mL	6.5079 mL
		10 mM	0.3254 mL	1.6270 mL	3.2539 mL

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

## Biological Activity

Shortsummary

FFA1/GPR40 agonist

IC<sub>50</sub> & Target

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 APExBIO 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.*

**APExBIO Technology**

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