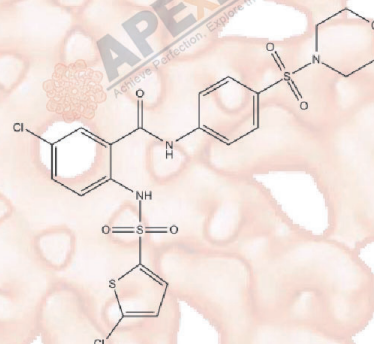


# Product Data Sheet

## Ataciguat

Cat. No.:	C4216
CAS No.:	254877-67-3
Formula:	C <sub>21</sub> H <sub>19</sub> Cl <sub>2</sub> N <sub>3</sub> O <sub>6</sub> S <sub>3</sub>
M.Wt:	576.5
Synonyms:	HMR 1766
Target:	Others
Pathway:	Guanylate Cyclase
Storage:	Store at -20°C



## Solvent & Solubility

≥50 mg/mL in DMSO; insoluble in EtOH; insoluble in H<sub>2</sub>O

In Vitro

	Solvent Concentration	Mass	1mg	5mg	10mg
Preparing Stock Solutions	1 mM		1.7346 mL	8.6730 mL	17.3461 mL
	5 mM		0.3469 mL	1.7346 mL	3.4692 mL
	10 mM		0.1735 mL	0.8673 mL	1.7346 mL

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

## Biological Activity

Shortsummary

activator of the oxidized (heme-free) form of soluble guanylate cyclase (sGC)

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 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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