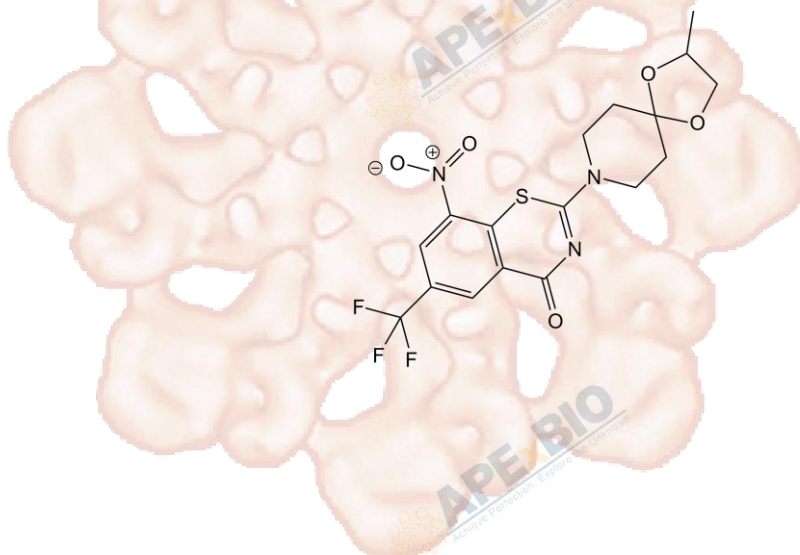


# Product Data Sheet

## BTZ043 Racemate

<b>Cat. No.:</b>	A5118
<b>CAS No.:</b>	957217-65-1
<b>Formula:</b>	C17H16F3N3O5S
<b>M.Wt:</b>	431.39
<b>Synonyms:</b>	
<b>Target:</b>	Others
<b>Pathway:</b>	Others
<b>Storage:</b>	Store at -20°C



### Solvent & Solubility

insoluble in H<sub>2</sub>O;  $\geq 10.4$  mg/mL in DMSO with gentle warming;  $\geq 3.27$  mg/mL in EtOH with gentle warming and ultrasonic

In Vitro

Preparing Stock Solutions	Solvent	Mass		
		1mg	5mg	10mg
	<b>Concentration</b>			
	<b>1 mM</b>	2.3181 mL	11.5904 mL	23.1809 mL
	<b>5 mM</b>	0.4636 mL	2.3181 mL	4.6362 mL
	<b>10 mM</b>	0.2318 mL	1.1590 mL	2.3181 mL

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

### Biological Activity

Shortsummary

DprE1 inhibitor

 IC<sub>50</sub> & Target

In Vitro

#### Cell Viability Assay

Preparation method:

In Vivo

#### Animal experiment

Applications:

### Product Citations

1. ANNANYA SHETTY. "ANALYSIS OF MYCOBACTERIAL CELL ENVELOPE STRESS AND DISCOVERY OF A NOVEL MMPL3 INHIBITOR." NATIONAL UNIVERSITY OF SINGAPORE.2018.

2. Zhengquan Xu, Wei Peng, et al. "In vitro interactions between R207910 and second-line anti-TB drugs or BTZ043 against mycobacterium tuberculosis by microplate alamar blue assay." Int J Clin Exp Med 2016;9(3):6336-6341.

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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