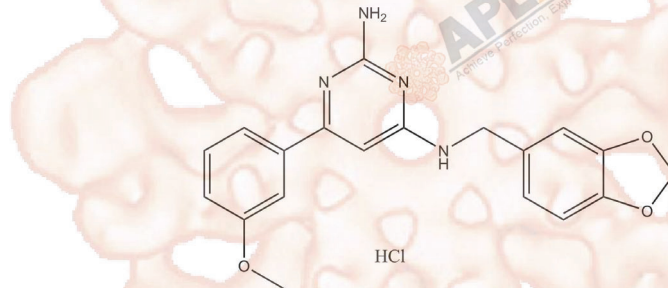


# Product Data Sheet

## Wnt agonist 1

<b>Cat. No.:</b>	B6059
<b>CAS No.:</b>	853220-52-7
<b>Formula:</b>	C19H19CIN4O3
<b>M.Wt:</b>	386.83
<b>Synonyms:</b>	BML-284
<b>Target:</b>	Stem Cell
<b>Pathway:</b>	Wnt/ $\beta$ -catenin
<b>Storage:</b>	Store at -20°C



## Solvent & Solubility

$\geq 38.7$ mg/mL in DMSO

In Vitro

Preparing Stock Solutions	Solvent Concentration	Mass		
		1mg	5mg	10mg
	1 mM	2.5851 mL	12.9256 mL	25.8511 mL
	5 mM	0.5170 mL	2.5851 mL	5.1702 mL
	10 mM	0.2585 mL	1.2926 mL	2.5851 mL

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

## Biological Activity

Shortsummary: agonist of Wnt signaling pathway

IC<sub>50</sub> & Target

In Vitro

### Cell Viability Assay

Preparation method:

In Vivo

### Animal experiment

Applications:

## Product Citations

1. Yang JM, Huang HM, et al. "LGK974, a PORCUPINE inhibitor, mitigates cytotoxicity in an in vitro model of Parkinson's disease by interfering with the WNT/ $\beta$ -CATENIN pathway." *Toxicology*. 2018 Sep 8;410:65-72. PMID:30205152

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## 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<sup>x</sup>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<sup>x</sup>BIO Technology**

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