

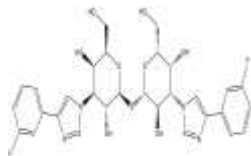
## PRODUCT: TD-139

**ALTERNATE NAME:** (2S,3R,4S,5R,6R)-4-[4-(3-fluorophenyl)triazol-1-yl]-2-[(2S,3R,4S,5R,6R)-4-[4-(3-fluorophenyl)triazol-1-yl]-3,5-dihydroxy-6-(hydroxymethyl)oxan-2-yl]sulfanyl-6-(hydroxymethyl)oxane-3,5-diol

**CATALOG #:** B2266-1,5

**AMOUNT:** 1 mg, 5 mg

**STRUCTURE:**



**MOLECULAR FORMULA:** C<sub>28</sub>H<sub>30</sub>F<sub>2</sub>N<sub>6</sub>O<sub>8</sub>S

**MOLECULAR WEIGHT:** 648.64

**CAS NUMBER:** 1450824-22-2

**APPEARANCE:** Crystalline solid

**SOLUBILITY:** DMSO

**PURITY:** ≥98% by HPLC

**STORAGE:** Store at -20°C. Protect from air and light

**DESCRIPTION:** TD-139 is a potent, synthetic inhibitor of galectin-3. TD-139 has high affinity for galectin-3 with a K<sub>d</sub> of 14 nM and 10 nM for galectin-1, but low affinity for galectins 2, 4N, 4C, 7, 8N, or 9N

**REFERENCES:** Chan, Y.C., *et al.* (2018). *Int. J. Mol. Sci.* **19**, E392

**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

### RELATED PRODUCTS:

Galectin-3 Antibody (**5684**)

Galectin-3 Antibody (**3591**)

Galectin-3, Human recombinant (**4684**)

Galectin-3, mouse recombinant (**P1045**)

Human CellExp™ Galectin-3, Human recombinant (**P1185**)

TD-139 (**B2266**)

**USAGE:** **FOR RESEARCH USE ONLY! Not to be used in humans**