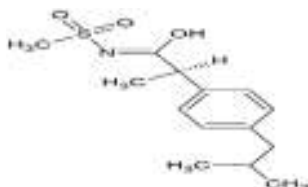


# Reparixin

**ALTERNATE NAME:** (R)-2-(4-isobutylphenyl)-N-(methylsulfonyl)propanamide  
DF 1681Y  
Repertaxin  
DF-1681Y

**CATALOG #:** B2469-1 1 mg  
B2469-5 5 mg

**STRUCTURE:**



**MOLECULAR FORMULA:** C<sub>14</sub>H<sub>21</sub>NO<sub>3</sub>S

**MOLECULAR WEIGHT:** 289.39

**CAS NUMBER:** 266359-83-5

**APPEARANCE:** White solid

**PURITY:** ≥98%

**STORAGE:** Store at -20°C.

**SOLUBILITY:** >100 mg/ml DMSO

**DESCRIPTION:** Reparixin is a non-competitive allosteric inhibitor of the chemokine receptors CXCR1 and CXCR2 activation with IC<sub>50</sub>s of 1 and 100 nM, respectively. Blocks a range of activities including leukocyte recruitment and IL-8 signaling.

**REFERENCES:** Bertini, R., et al. (2004). Proc. Natl. Acad. Sci. USA 101, 11791-11796.

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

**RELATED PRODUCTS:**

GSK1325756 (B1103)  
AZD-5069 (B2053)

**DISCLAIMER:** *FOR RESEARCH USE ONLY! Not to be used on humans.*