

RJW100 biochemical

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CATALOG #
AAA227570

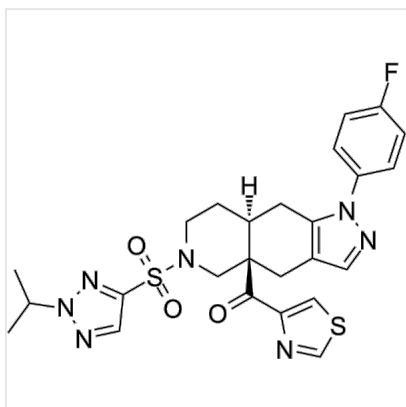
PRODUCT SYNONYMS

RJW100; RJW100 biochemical

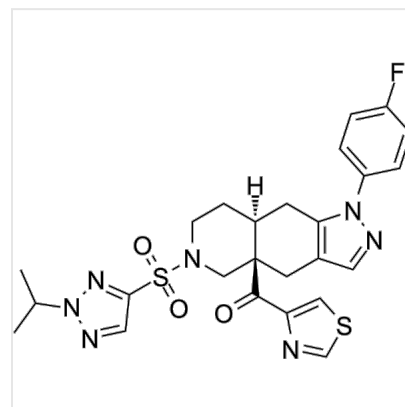
PRODUCT SPECIFICATIONS

Purity/Purification	98%
CAS	1276664-20-0
Solubility	<1mg/ml refers to the product slightly soluble or insoluble
In vitro	RJW100 (compound 24-exo) treatment induces a significant dose-dependent increase in small/short heterodimer partner (SHP) transcripts beginning at 5 uM[1]. RJW100 (compound 24-exo) clearly displaces the bound PIP2 phospholipid from SF-1 almost completely at 1 uM[1]. Using hLRH-1 LBD alone that had not been complexed with any phospholipids, the result shows a clear dose-dependent shift in hLRH-1 LBD (ligand binding domain) native PAGE migration upon RJW100 (compound 24-exo; 0-100 uM) binding[1]. RJW100 causes strong activation of the miR-200c promoter and exhibits strong ability to downregulate ZEB1 and ZEB2 proteins[2]. RT-PCR[1]Cell Line: HEK293 cells Concentration: 1 uM, 5 uM, 10 uM Incubation Time: 24 hours. Result: Induced a significant dose-dependent increase in SHP transcripts beginning at 5 uM.
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure
Zavacorilant, CAS 1781245-13-3



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ADDITIONAL INFORMATION

Related Product Information for RJW100 biochemical	RJW100 is a potent liver receptor homolog 1 (LRH-1, NR5A2) and steroidogenic factor-1 (SF-1, NR5A1) agonist with pEC 50 s of 6.6 and 7.5, respectively. RJW100 also causes strong activation of the miR-200c (miRNA-200c, microRNA-200c) promoter.
References	1. Hunt, et al.Octahydro fused azadecalin glucocorticoid receptor modulators.WO2015077530A1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/biochemical/rjw100/227570>