

# ARV-825

**ALTERNATE NAME:** 2-((S)-4-(4-chlorophenyl)-2,3,9-trimethyl-6H-thieno[3,2-f][1,2,4]triazolo[4,3-a][1,4]diazepin-6-yl)-N-(4-(2-(2-(2-((2-(2,6-dioxopiperidin-3-yl)-1,3-dioxoisindolin-4-yl)amino)ethoxy)ethoxy)ethoxy)ethoxy)phenyl)acetamide

**CATALOG #:** B2019-1  
B2019-5

**AMOUNT:** 1 mg  
5 mg

**STRUCTURE:**



**MOLECULAR FORMULA:** C<sub>46</sub>H<sub>47</sub>ClN<sub>8</sub>O<sub>9</sub>S

**MOLECULAR WEIGHT:** 941.4

**CAS NUMBER:** 1818885-28-7

**APPEARANCE:** Crystalline solid

**SOLUBILITY:** DMSO

**PURITY:** >98% by HPLC

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

**DESCRIPTION:** ARV-825 is a BRD4 inhibitor. It is a hetero-bifunctional PROTAC (Proteolysis Targeting Chimera) that recruits BRD4 to the E3 ubiquitin ligase cereblon, leading to fast, efficient, and prolonged degradation of BRD4. ARV-825 more effectively suppresses c-MYC levels and downstream signaling than small-molecule BRD4 inhibitors, resulting in more effective cell proliferation inhibition and apoptosis induction in Burkitt's lymphoma (BL).

**RELATED PRODUCTS:**

Bromodomain Inhibitor, (+)-JQ1 (**Cat. No. 2070-1, 5**)

BRD4770 (**Cat. No. 9525-5, 25**)

EZSolution™ (+)-JQ1 (**Cat. No. 2091-1**)

3-Deazaneplanocin (**Cat. No. 2060-250, 1000**)

EPZ-015666 (**Cat. No. 9510-1,5**)

EPZ011989 (**Cat. No. B1221-5,25**)

Lomeguatrib (**Cat. No. 2224-5, 25**)

Mivebresib (**Cat. No. B1564-5,25**)

Nanaomycin A (**Cat. No. 2790-5, 25**)

RG108 (**Cat. No. 1679-10, 30**)

SGL-1027 (**Cat. No. 2726-5, 25**)

UNC0638 (**Cat. No. 1933-1, 5**)

UNC0642 (**Cat. No. 2862-5, 25**)

Zebularine (**Cat. No. 2225-1,5**)

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

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