**PRODUCT:** CUDC-305

**ALTERNATE NAME:** 2-((6-(dimethylamino)benzo[d][1,3]dioxol-5-yl)thio)-1-(2-(neopentylamino)ethyl)-1H-imidazo[4,5-c]pyridin-4-amine; Debio-0932

**CATALOG #:** 9653-1, 5

**AMOUNT:** 1 mg, 5 mg

**STRUCTURE:**

![Chemical structure of CUDC-305]

**MOLECULAR FORMULA:** C_{22}H_{30}N_{6}O_{2}S

**MOLECULAR WEIGHT:** 442.58

**CAS#:** 1061318-81-7

**APPEARANCE:** White solid

**SOLUBILITY:** DMSO (>10 mg/ml)

**PURITY:** ≥98% by HPLC

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

**DESCRIPTION:** CUDC-305 is a potent inhibitor of Heat Shock Proteins, displaying high affinity for HSP90α/β (IC_{50} = 100 nM) and HSP90 complex derived from cancer cells (IC_{50} = 48.8 nM).


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

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

**RELATED PRODUCTS:**
- 17-AAG (Cat. No. 1774-1,5)
- EZSolution™ 17-AAG (Cat. No. 9495-1)
- BIIB021 (Cat. No. 2291-5, 25)
- 17-DMAG (Cat. No. 1776-1, 5)
- Geldanamycin (Cat. No. 1564-1,5)
- NVP-AUY922 (Cat. No. 1591-1, 5)
- PU-WS13 (Cat. No. 9442-5, 25)
- PU-H71 (Cat. No. 9649-10,50)
- XL-888 (Cat. No. 2654-1,5)