

## CUDC-101

Cat. No. CEI-0505

Lot. No. (See product label)

### Introduction

**Description** A potent multitargeted inhibitor of histone deacetylase (HDAC) and the receptor kinases epidermal growth factor receptor (EGFR) and human epidermal growth factor receptor 2 (HER2), with IC50 values of 4.4, 2.4, and 15.7 nM, respectively. Displays potent antiproliferative and proapoptotic activities against cultured and implanted tumor cells that are sensitive or resistant to several approved single-targeted drugs.

### Product Information

**Appearance** Off-white solid

**CAS No.** 1012054-59-9

**Molecular Formula** C<sub>24</sub>H<sub>26</sub>N<sub>4</sub>O<sub>4</sub>

**Chemical Name** 7-((4-((3-ethynylphenyl)amino)-7-methoxyquinazolin-6-yl)oxy)-N-hydroxyheptanamide

**Molecular Weight** 821.82

**Targets** HDAC

**Solubility** DMSO

### Storage and Shipping Information

**Storage** -20 centigrade

**Shipping Conditions** Gel pack