

## BM-1074

Cat. No. CEI-0874

Lot. No. (See product label)

### Introduction

**Description** BM-1074 is a potent and efficacious Bcl-2/Bcl-xL inhibitor with  $K_i$  of <1 nM, inactive to Mcl-1.

### Product Information

**CAS No.** 1391108-10-3

**Molecular Formula** C<sub>50</sub>H<sub>57</sub>ClN<sub>8</sub>O<sub>7</sub>S<sub>3</sub>

**Chemical Name** 1H-Pyrrole-3-carboxamide, 5-(4-chlorophenyl)-4-[3-[4-[4-[[[4-[[[(1R)-3-(dimethylamino)-1-[(phenylthio)methyl]propyl]amino]-3-nitrophenyl]sulfonyl]amino]phenyl]-1-piperazinyl]phenyl]-2-methyl-1-(1-methylethyl)-N-(methylsulfonyl)-

**Molecular Weight** 1013.68

**Targets** Bcl-2/Bcl-xL

**IC<sub>50</sub>** 1 nM ( $K_i$ )

**Solubility** DMSO mg/mL; Water mg/mL; Ethanol mg/mL

### Storage and Shipping Information

**Storage** 2 years -20 centigrade Powder; 2 weeks 4 centigrade in DMSO; 6 months -80 centigrade in DMSO.