

## DR2313

Cat. No. CEI-0605

Lot. No. (See product label)

### Introduction

**Description** A potent, brain-penetrant, and water-soluble poly(ADP-ribose) polymerase (PARP) inhibitor. IC50 values are 0.20 and 0.24  $\mu\text{M}$  for PARP-1 and PARP-2 respectively. Neuroprotective in vitro and in vivo.

### Product Information

**Appearance** Yellow solid

**CAS No.** 284028-90-6

**Molecular Formula**  $\text{C}_8\text{H}_{10}\text{N}_2\text{O}_5$

**Chemical Name** 1,5,7,8-Tetrahydro-2-methyl-4H-thiopyrano[4,3-d]pyrimidin-4-one

**Molecular Weight** 327.33

**Purity** >98

**Targets** PARP1

**Solubility** DMSO (100 mM)

### Storage and Shipping Information

**Storage** -20 centigrade

**Shipping Conditions** Gel pack