

**Product Specification Sheet**

Description: CypExpress™ 2C19  
Product Number: CE2C19.1  
Aliquot: 1.0 Gram  
Lot Number: 200120  
Storage: -70°C

- DESCRIPTION:** CypExpress™ 2C19 is a permeabilized and stabilized dried yeast powder preparation containing recombinant human CYP 2C19 and recombinant human P450 NADPH oxidoreductase.
- ACTIVITY:** A reaction mixture containing 500 µM mephenytoin and 100 mg/mL of CypExpress™ 2C19 will produce 42.76 µM 4-hydroxymephenytoin in 4 hours at 30°C under the conditions described.
- THAWING:** It is important to avoid water adsorption during thawing. Remove the CypExpress™ vial from storage and warm to room temperature prior to opening. Return unused powder to -70°C.
- STORAGE:** Store at -70°C. Although CypExpress™ preparations can be warmed to room temperature multiple times, it is best to aliquot as needed to avoid multiple freeze/thaw cycles.
- SUGGESTED PROTOCOLS:** The basic protocols attached are intended as a starting point that can be optimized by an experienced user for specific applications and samples.