

# ASCT2 Inhibitor

**Catalogue number:** 160702

**Sub-type:** Inhibitor

**Images:**

## Contributor

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**Institute:** Binghamton University

**Images:**

## Tool details

**\*FOR RESEARCH USE ONLY**

**Name:** ASCT2 Inhibitor

**Alternate name:** L-cis hydroxyproline biphenyl ester (Lc-BPE)

CancerTools.org

**Class:**  
**Conjugate:**  
**Description:**  
**Purpose:** Inhibitor  
**Parental cell:**  
**Organism:**  
**Tissue:**  
**Model:**  
**Gender:**  
**Isotype:**  
**Reactivity:**  
**Selectivity:** Stereoselective  
**Host:**  
**Immunogen:**  
**Immunogen UNIPROT ID:**  
**Sequence:**  
**Growth properties:**  
**Production details:**  
**Formulation:**  
**Recommended controls:**  
**Bacterial resistance:**  
**Selectable markers:**  
**Additional notes:**

## Target details

**Target:**

**Target alternate names:**

**Target background:**

**Molecular weight:**

**Ic50:** 10<sup>-6</sup>M

## Applications

**Application:** molecular docking, electrophysiology, transport assays in proteoliposomes and cryo-EM structure determination of ASCT2

**Application notes:**

## Handling

**Format:**

**Concentration:**

**Passage number:**  
**Growth medium:**  
**Temperature:**  
**Atmosphere:**  
**Volume:**  
**Storage medium:**  
**Storage buffer:**  
**Storage conditions:**  
**Shipping conditions:** Dry Ice

## Related tools

**Related tools:**

## References

**References:**

CancerTools.org