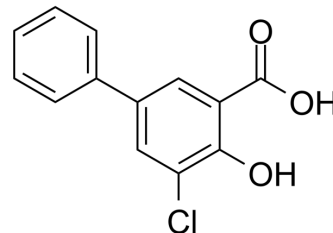


CPSA

Cat. No.:	HY-113850
CAS No.:	1038713-54-0
Molecular Formula:	C ₁₃ H ₉ ClO ₃
Molecular Weight:	248.66
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

CPSA is a potent and competitive inhibitor against 20 α -hydroxysteroid dehydrogenase (AKR1C1) with a K_i value of 0.86 nM. CPSA is promising for research of lung and endometrial cancers, premature birth and neuronal disorders^[1].

REFERENCES

[1]. El-Kabbani O, et al. Probing the inhibitor selectivity pocket of human 20 α -hydroxysteroid dehydrogenase (AKR1C1) with X-ray crystallography and site-directed mutagenesis. *Bioorg Med Chem Lett*. 2011 Apr 15;21(8):2564-7.

Caution: Product has not been fully validated for medical applications. For research use only.

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