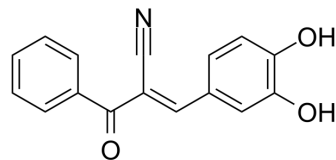


EGFR-IN-16

Cat. No.:	HY-137786
CAS No.:	133550-22-8
Molecular Formula:	C ₁₆ H ₁₁ NO ₃
Molecular Weight:	265.26
Target:	EGFR
Pathway:	JAK/STAT Signaling; Protein Tyrosine Kinase/RTK
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	EGFR-IN-16 (compound 3) is a potent EGFR inhibitor with pIC ₅₀ of 4.85 and 4.74 for EGFR and HER-2, respectively ^[1] .	
IC ₅₀ & Target	EGFR 4.85 (pIC ₅₀)	HER2 4.74 (pIC ₅₀)

REFERENCES

[1]. Kamath S, et al. Receptor-guided alignment-based comparative 3D-QSAR studies of benzylidene malonitrile tyrphostins as EGFR and HER-2 kinase inhibitors. J Med Chem. 2003;46(22):4657-4668.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA