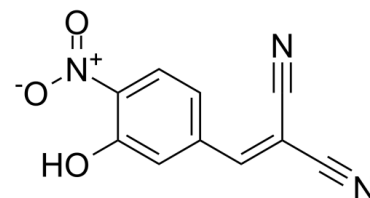


Data Sheet

Product Name:	AG126
Cat. No.:	CS-8032
CAS No.:	118409-62-4
Molecular Formula:	C ₁₀ H ₅ N ₃ O ₃
Molecular Weight:	215.17
Target:	ERK
Pathway:	MAPK/ERK Pathway; Stem Cell/Wnt
Solubility:	DMSO : 100 mg/mL (464.75 mM; Need ultrasonic and warming)



BIOLOGICAL ACTIVITY:

AG126 is a **tyrosine kinase inhibitor** which can prevent the activation of mitogen-activated protein kinase **p42MAPK (ERK2)**. IC₅₀ & Target: ERK2^[1]

References:

[1]. Cuzzocrea S, et al. The tyrosine kinase inhibitor tyrphostin AG126 reduces the development of acute and chronic inflammation. Am J Pathol. 2000 Jul;157(1):145-58.

CAIndexNames:

Propanedinitrile, 2-[(3-hydroxy-4-nitrophenyl)methylene]-

SMILES:

N#C/C(C#N)=C/C1=CC=C([N+](=[O-])=O)C(O)=C1

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

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