CD BioGlyco
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Product Information

JNK-c-Jun activator Vacquinol-1, Purity ≥98%

Cat. No.: X23-10-ZQ941

Size: 5 mg; 10 mg; 25 mg; 50 mg; 100 mg

CAS Number: 5428-80-8

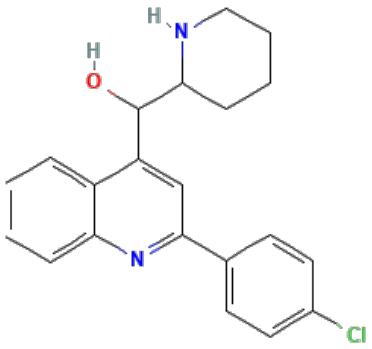
Compound CID: 224644

Synonym: vacquinol-1; 5428-80-8;

(2-(4-Chlorophenyl)quinolin-4-yl)(piperidin-2-yl)methanol; NSC13316;

[2-(4-Chlorophenyl)quinolin-4-yl]-piperidin-2-ylmethanol; JNK-c-Jun inhibitor

This product is for research use only and is not intended for diagnostic use.



Product Information

Description	Vacquinol-1 is an MKK4 activator, which rapidly and selectively induces glioma cell death.
Molecular Weight	352.9
Molecular Formula	$C_{21}H_{21}ClN_2O$
IUPAC Name	[2-(4-Chlorophenyl)quinolin-4-yl]-piperidin-2-ylmethanol
InChI	InChI=1S/C21H21ClN2O/c22-15-10-8-14(9-11-15)20-13-17(16-5-1-2-6-18(16)24-20)21(25)19-7-3-4-12-23-19/h1-2,5-6,8-11,13,19,21,23,25H,3-4,7,12H2
InChI Key	VKLJPGAHSLIQKH-UHFFFAOYSA-N
Canonical SMILES	C1CCNC(C1)C(C2=CC(=NC3=CC=CC=C32)C4=CC=C(C=C4)Cl)O
Form	Lyophilized powder
Purity	≥98%
Identity	Confirmed by NMR/HPLC/MS.
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
Applications	Vacquinol-1 can be used to induce cell death through macropinocytosis, an application relevant for cancer research.
Storage	Store at -20ºC.