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通過PatentPak直接研究專利中的化學結構

專利帶有化學結構，術語等更多註釋。

- CAS專家科學家為您確定了化學位置。單擊“PatentPak”和“Viewer”按鈕以顯示專利中的化學成分。

Search by Substance Name, CAS RN, Patent Number, etc.

kinase inhibitors in the treatment of cancer

Advanced search for Molecular Formula

Recent Searches

October 2, 2017
10:06 AM

References: p38 MAP Kinase inhibitors in the treatment of cancer

As Drawn (3,103), Substructure (3,267)

Key Substances in Patent

CAS RN 934660-93-2

CAS Name Cobimetinib

Substance Detail

Reactions (47)

Suppliers (52)

References (234)

Edit Structure

Bcl-2 inhibitor are co-formulated.

10. The method of claim 10 wherein the MEK inhibitor and the selective Bcl-2 inhibitor are co-formulated in a pharmaceutical composition further comprising a pharmaceutically acceptable excipient.

11. The method of any of claims 1 through 7 wherein the MEK inhibitor is administered sequentially with the selective Bcl-2 inhibitor.

12. The method of claim 11 wherein the MEK inhibitor and the selective Bcl-2 inhibitor are formulated in separate orally available dosage forms.

13. The method of any of claims 1 through 12 wherein the MEK inhibitor inhibits MEK1, MEK2, or both MEK1 and MEK2.

14. The method of any of claims 1 through 13 wherein the MEK inhibitor is [3,4-difluoro-2-(2-fluoro-4-iodoanilino)pyridin-5-yl]methanone hydrochloride, 2-(2-fluoro-4-iodoanilino)pyridin-5-ylmethanone hydrochloride, or a pharmaceutically acceptable salt thereof.

15. The method of any of claims 1 through 14 wherein the MEK inhibitor is [3,4-difluoro-2-(2-(4-chlorophenyl)-4,4-difluorophenyl)-5-iodopyridin-5-yl]methanone hydrochloride, 2-(2-(4-chlorophenyl)-4,4-difluorophenyl)-5-iodopyridin-5-ylmethanone hydrochloride, or a pharmaceutically acceptable salt thereof.

16. The method of any of claims 1 through 15 wherein the MEK inhibitor is [3,4-difluoro-2-(2-(4-chlorophenyl)-4,4-difluorophenyl)-5-iodopyridin-5-yl]methanone hydrochloride, 2-(2-(4-chlorophenyl)-4,4-difluorophenyl)-5-iodopyridin-5-ylmethanone hydrochloride, or a pharmaceutically acceptable salt thereof.

Patent	Language	Kind Code	PatentPak Options
WO2015143161	English	A1	PDF PDF+ Viewer
KR2017004969	Korean	A	PDF
JP2017508816	Japanese	T	PDF
CN106661027	Chinese	A	PDF
US20170174697	English	A1	PDF

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Structure Match

As Drawn (19)

Substructure (16K)

Filter by

- Yield
- Number of Steps
- Experimental Protocols
 - MethodsNow: Synthesis (1,147)**
 - Experimental Procedure (1,399)
- Reaction Type
- Stereochemistry
 - Absolute Stereo Match (1,147)**

Reactions (1,147)

References

Scheme 1 (1 Reaction) View

Reaction: Melibiose + Cysteamine hydrochloride (H₂N-CH₂-CH₂-SH) + HCl → 1-Deoxy-4-O-α-D-glucopyranosyl-1-[(2-mercaptoethyl)amino]-D-glucitol

Suppliers (46) | Suppliers (95)

Steps: 1
Yield: 88%

Experimental Protocols

MethodsNow™	Experimental Procedure
Products	1-Deoxy-4-O-α-D-glucopyranosyl-1-[(2-mercaptoethyl)amino]-D-glucitol Yield: 88%
Reactants	Cysteamine hydrochloride Melibiose
Reagents	Sodium hydroxide Sodium cyanoborohydride
Solvents	Water
Procedure	<ol style="list-style-type: none">Dissolve 2-aminoethanethiol hydrochloride (125 mg) in water (100 μL) in a screw-capped vial (airtight).Adjust the pH to ~7.5 (by adding aqueous NaOH solution).Add NaCNBH₃ (40 mg, 0.64 mmol) and a solution of sugar (0.04 mmol) in water (100 μL) to the mixture.Heat the reaction mixture at 90 °C with stirring.Cool the reaction mixture to room temperature after 1 hour.Concentrate the solution in speedvac.Extract the obtained solid with absolute ethanol (three times) to remove excess starting material.

MethodsNow 提供逐步的綜合程序

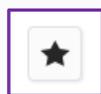
節省總結實驗程序的時間

- 將條列式的實驗步驟直接帶到實驗室

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