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Chemoenzymatic Synthesis Of Neuroexcitatory And Cuaac-Compatible Kainoid Aalogs

TECHNOLOGY DESCRIPTION

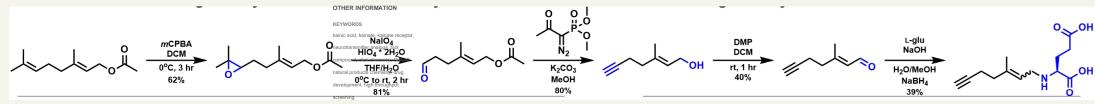
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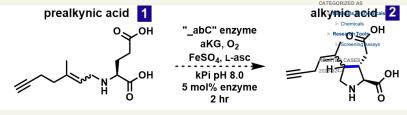
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CONTACT

INVENTORS

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Then further optimization and scale up yields a kainoid ring and a β-hydroxylated side product

With this structure, Copper catalyzed azide-alkyne cycloaddition (CuAAC) or "click" chemistry allows rapid diversification from the alkynic scaffold and in vivo functionalization with bioorthogonal handles.

APPLICATIONS

- Drug development for new kainoid receptor agonists

- Labels don't affaect kainic acid binding
- INTELLECTUAL PROPERTY INFORMATION

RELATED MATERIALS

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