

G-protein Biased Delta Opioid Receptor Agonists for Treatment of Alcohol use Disorders and Co-morbid Disorders

New technology simultaneously treats alcohol use disorder and psychiatric comorbidities, offering improved efficacy and reduced side effects compared to current treatments.

Alcohol use disorder is a chronic relapsing condition that includes alcohol withdrawal syndrome and is frequently comorbid with chronic pain disorders and mood disorders such as depression and anxiety. There are only a few drugs approved to treat alcohol use disorder. Their only goal is to reduce alcohol cravings. They do not treat psychiatric disorders.

Researchers at Purdue University have developed a new technology for treating alcohol use disorder. In addition to targeting reduced alcohol intake, it simultaneously treats depression. This new treatment is meant to help patients suffering from both alcohol use and psychiatric disorders. This treatment should exhibit much fewer side effects and improved efficacy when compared to currently available treatments.

Advantages:

- Simultaneously treats alcohol use and psychiatric disorders
- Exhibits fewer side effects
- Improved efficacy

Potential Applications:

- Patients suffering from both alcohol use and psychiatric disorders
- Alcohol treatment centers
- Hospitals

TRL: 6

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Category

Pharmaceuticals/Other

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Intellectual Property:

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