## **Resource Summary Report**

Generated by FDI Lab - SciCrunch.org on May 21, 2025

# Platinum-Iridium Cluster Bipolar Electrode CE2C55

RRID:SCR\_018944 Type: Tool

#### **Proper Citation**

Platinum-Iridium Cluster Bipolar Electrode CE2C55 (RRID:SCR\_018944)

#### **Resource Information**

URL: https://www.fh-co.com/product/cluster-microelectrodes/

**Proper Citation:** Platinum-Iridium Cluster Bipolar Electrode CE2C55 (RRID:SCR\_018944)

**Description:** Cluster microelectrode for recording or stimulation in chronic applications. Custom Microelectrode Code CE2C55 with Inner Pole Diameter 25 um and Length 50mm.

Resource Type: instrument resource

**Keywords:** Electrode, Stimulating Electrode, Cluster Bipolar Electrode, microelectrode, chronic application, Slice Electrophysiology, instrument, equipment

Funding:

Availability: Restricted

Resource Name: Platinum-Iridium Cluster Bipolar Electrode CE2C55

Resource ID: SCR\_018944

Record Creation Time: 20220129T080342+0000

Record Last Update: 20250519T204046+0000

#### **Ratings and Alerts**

No rating or validation information has been found for Platinum-Iridium Cluster Bipolar Electrode CE2C55.

No alerts have been found for Platinum-Iridium Cluster Bipolar Electrode CE2C55.

#### Data and Source Information

Source: <u>SciCrunch Registry</u>

### **Usage and Citation Metrics**

We found 5 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Nayana J, et al. (2024) Repeated finasteride administration promotes synaptic plasticity and produces antidepressant- and anxiolytic-like effects in female rats. Journal of neuroscience research, 102(3), e25306.

Fogarty MJ, et al. (2023) Novel regenerative drug, SPG302 promotes functional recovery of diaphragm muscle activity after cervical spinal cord injury. The Journal of physiology.

Subhadeep D, et al. (2021) Exposure to Short Photoperiod Regime Restores Spatial Cognition in Ventral Subicular Lesioned Rats: Potential Role of Hippocampal Plasticity, Glucocorticoid Receptors, and Neurogenesis. Molecular neurobiology, 58(9), 4437.

Salaka RJ, et al. (2021) Enriched environment ameliorates chronic temporal lobe epilepsyinduced behavioral hyperexcitability and restores synaptic plasticity in CA3-CA1 synapses in male Wistar rats. Journal of neuroscience research, 99(6), 1646.

Payer DE, et al. (2015) Personality disorder symptomatology is associated with anomalies in striatal and prefrontal morphology. Frontiers in human neuroscience, 9, 472.