Novel System for Effective Delivery to the Brain

**OCR Number:** OCR 6552

**Description:**

**Novel System for Delivery of Therapeutic & Imagining Agents Across the Blood-Brain Barrier**

- A novel compositions for effective, non-invasive and systemic delivery of therapeutic and imaging agents to brain tumors.

- This system contains three components: a tumor targeting moiety; a BBB opener; and a nanomaterial. It has demonstrated unprecedented efficiency in breaking the BBB to allow delivery of pharmacologically significant quantities of therapeutic and imaging agents to brain cancer (Figure).

- The applications of this technology can be extended to the treatment of other neurological diseases, including brain injury and stroke.

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