

Dravet syndrome pipeline and opportunities review | July 2018

Dravet syndrome is a genetic neurological rare disease characterized by refractory epilepsy, intellectual disability, behavioral and movement disorders and a high mortality rate. The treatment approaches for this syndrome are currently limited to the symptomatic rate. Interestment approaches for rins syndrome are currently immitted to the symptomatic management of epileptic seizures. In recent years Dravet syndrome has received significant attention from the pharmaceutical industry, and the pipeline has matured to include not only symptomatic but also disease-modifying treatments. In June 2018, Epidiolex (cannabidiol oral formulation) from GW Pharmaceuticals obtained marketing authorization by the FQA, becoming the first drug to be approved for the treatment of Dravet syndrome in the US market. As of July 2018, Epidiolex is followed by ZX008 from Dravet syndrome in the US market. As of July 2018, Epidolox is Tollowed by ZADB From Zogenix, close to filling for marketing authorization, and at least? Additional symptomatic treatments that include second-generation cannabilidio formulations and serotonept drugs. There are also at least 5 programs in the late-precilinical or clinical stage that target the disease biology, including two antisense treatments. Overall the Dravet syndrome pipeline comprises 14 drug candidates, and 3 different products have received orphan drug designations. This report reviews the state of the Dravet syndrome drug development pipeline as of July 2018 and discusses current and future opportunities.



Drawer syndrome is a neurological rare specificacy designed to correct other disease caused in the majority of cases by loss-of-function mutations in one copy of the SCNIA gene. Patients with Drawet syndrome fall to produce sufficient levels of functional Nav1,1 syndrome focuses largely on the use

Dravet syndrome - Overview disease-modifying treatment of SCN1A-related epilepsies, but not those provided by the syndrome is a neurological rare specifically designed to correct other specifically designed to correct other specifically.

Laractic syndrome rain to produce management of breed sodium channel, preventing inhibitor sodium channel, preventing inhibitor socialization property. As a consequence, there is an imballiance between brain excitation and inhibition that results in refractory epilepse, concritatedated in Dravet syndrome and other fessils in in ratio(by) epinessy.

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Our restricted of Lordes systems are incomed ideocrate. Board 2011 in the mortality rate is high, with 15% of potents dring by adelescence and 2005 adelessible with Davet syndrome are taking combinations of 3 or more articipalities drugs. None of these drugs alone drugs alone. For the purpose of this review we will only cover those products currently in development for the symptomatic treatment of Dravet syndrome or for the symptomatic and only a minority (about 10%) of the patients are sezure-

Figures from:

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Published by Dracaena Report dracaena-report@draccon.com www.draccon.com