

Title (en)

BRM TARGETING COMPOUNDS AND ASSOCIATED METHODS OF USE

Title (de)

AUF BRM ABZIELENDE VERBINDUNGEN UND ZUGEHÖRIGE VERFAHREN ZUR VERWENDUNG

Title (fr)

COMPOSÉS CIBLANT BRM ET PROCÉDÉS D'UTILISATION ASSOCIÉS

Publication

EP 4038066 A1 20220810 (EN)

Application

EP 20793893 A 20201001

Priority

- US 201916590329 A 20191001
- US 2020053815 W 20201001

Abstract (en)

[origin: WO2021067606A1] The present disclosure relates to bifunctional compounds, which find utility as modulators of SMARCA2 or BRM (target protein). In particular, the present disclosure is directed to bifunctional compounds, which contain on one end a ligand that binds to the Von Hippel-Lindau E3 ubiquitin ligase, and on the other end a moiety which binds the target protein, such that the target protein is placed in proximity to the ubiquitin ligase to effect degradation (and inhibition) of target protein. The present disclosure exhibits a broad range of pharmacological activities associated with degradation/inhibition of target protein. Diseases or disorders that result from aggregation or accumulation of the target protein are treated or prevented with compounds and compositions of the present disclosure.

IPC 8 full level

C07D 417/14 (2006.01); **A61K 31/501** (2006.01); **A61K 31/506** (2006.01); **A61K 31/5386** (2006.01); **A61P 35/00** (2006.01); **C07D 471/10** (2006.01); **C07D 487/04** (2006.01); **C07D 487/08** (2006.01); **C07D 487/10** (2006.01); **C07D 498/10** (2006.01); **C07D 519/00** (2006.01)

CPC (source: EP)

A61K 47/55 (2017.08); **A61P 35/00** (2018.01); **C07D 417/14** (2013.01); **C07D 471/10** (2013.01); **C07D 487/04** (2013.01); **C07D 487/08** (2013.01); **C07D 487/10** (2013.01); **C07D 498/10** (2013.01); **C07D 519/00** (2013.01)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2021067606 A1 20210408; CN 114787159 A 20220722; EP 4038066 A1 20220810; JP 2022550437 A 20221201; JP 2024056848 A 20240423; JP 7502425 B2 20240618

DOCDB simple family (application)

US 2020053815 W 20201001; CN 202080083758 A 20201001; EP 20793893 A 20201001; JP 2022520255 A 20201001; JP 2024019396 A 20240213