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| Drug | Nosology | Clinical Trials | PMID |
| Thalidomide | Advanced Secondary Glioblastoma | - | [25427949](https://pubmed.ncbi.nlm.nih.gov/25427949/) |
| Neuroblastoma | - | [18024879](https://pubmed.ncbi.nlm.nih.gov/?term=18024879) |
| Recurrent High-Grade Gliomas (anaplastic mixed glioma, anaplastic astrocytoma, or glioblastoma multiforme) | Phase II | [10673511](https://pubmed.ncbi.nlm.nih.gov/10673511/) |
| Astrocytoma | Phase II - Thalidomide, Temozolomide Tamoxifen | [17695439](https://pubmed.ncbi.nlm.nih.gov/17695439/) |
| Pomalidomide | Pediatric recurrent, progressive, and refractory CNS tumors | [Phase I](https://clinicaltrials.gov/ct2/show/NCT02415153) (Phase II failed) | [33025730](https://pubmed.ncbi.nlm.nih.gov/33025730/) |
| Glioblastoma Multiforme | - | [32826244](https://pubmed.ncbi.nlm.nih.gov/32826244/) |
| Regorafenib | Glioblastoma Multiforme | [Phase II](https://clinicaltrials.gov/ct2/show/NCT02926222) | [33338858](https://pubmed.ncbi.nlm.nih.gov/33338858/) |
| Recurrent High-Grade Astrocytoma | - (very poor performance) | [30820715](https://pubmed.ncbi.nlm.nih.gov/30820715/) |
| Neuroblastoma | - | [32457362](https://pubmed.ncbi.nlm.nih.gov/32457362/) |
| Lenvatinib | Recurrent Glioblastoma Multiforme | [Phase II](https://clinicaltrials.gov/ct2/show/NCT01433991) | [DOI](https://doi.org/10.1016/S0923-7534(20)33001-5) |
| Pediatric solid tumors, including CNS tumors | [Phase I/II](https://clinicaltrials.gov/ct2/show/NCT03245151) | [DOI](https://ascopubs.org/doi/abs/10.1200/JCO.2020.38.15_suppl.10527) |
| Nintedanib (BIBF 1120) | Recurrent Glioblastoma Multiforme | [Phase II](https://clinicaltrials.gov/ct2/show/NCT01251484) (clinically non-relevant antitumor activity) | [23184145](https://pubmed.ncbi.nlm.nih.gov/23184145/) |
| Glioblastomas / Anaplastic Oligoastrocytoma / Gliosarcoma / Anaplastic Astrocytoma (AA) / Anaplastic Oligodendroglioma (AO) | [Phase II](https://clinicaltrials.gov/ct2/show/NCT01380782) (passed) | - |
| Sorafenib | Recurrent or Progressive Low-Grade Astrocytomas | [Phase II](https://clinicaltrials.gov/ct2/show/NCT01338857) | [24803676](https://www.ncbi.nlm.nih.gov/pubmed/24803676) |
| Progressive High-Grade Glioma | - | [24441743](https://pubmed.ncbi.nlm.nih.gov/24441743/) |
| Neuroblastoma | - | [22147414](https://pubmed.ncbi.nlm.nih.gov/22147414/), [27264843](https://pubmed.ncbi.nlm.nih.gov/27264843/) |
| Dovitinib | Recurrent Glioblastoma | [Phase II](https://clinicaltrials.gov/ct2/show/NCT01753713) | [31292802](https://pubmed.ncbi.nlm.nih.gov/31292802/) |
| Sunitinib | Recurrent Glioblastoma | [Phase II/III](https://clinicaltrials.gov/ct2/show/NCT03025893) | [DOI](https://doi.org/10.1093/annonc/mdz243.046) |
| Recurrent Glioblastoma and Anaplastic Astrocytoma | [Phase II](https://clinicaltrials.gov/ct2/show/NCT00606008) | [22832897](https://www.ncbi.nlm.nih.gov/pubmed/22832897) |
| Neuroblastoma | - | [24759734](https://pubmed.ncbi.nlm.nih.gov/24759734/) |
| Copanlisib | - | - | - |
| Tivozanib | Recurrent Glioblastoma | [Phase II](https://clinicaltrials.gov/ct2/show/NCT01846871) | [27853960](https://pubmed.ncbi.nlm.nih.gov/27853960/) |
| Pazopanib | Recurrent Glioblastoma | [Phase II](https://clinicaltrials.gov/ct2/show/NCT00459381) | [20200024](https://www.ncbi.nlm.nih.gov/labs/pmc/articles/PMC2940686/) |
| Perifosine | Recurrent Glioblastoma | [Phase I](https://clinicaltrials.gov/ct2/show/NCT01051557) - Temsirolimus,  Perifosine | [32293798](https://pubmed.ncbi.nlm.nih.gov/32293798/) |
| Recurrent or refractory pediatric CNS and solid tumors | Phase I | [28582410](https://pubmed.ncbi.nlm.nih.gov/28582410/) |
| Foretenib | Glioblastoma Multiforme | - | [33688998](https://pubmed.ncbi.nlm.nih.gov/33688998/), [DOI](https://doi.org/10.18502/rmm.v6i4.4800) |
| Dasatinib | Glioblastoma | - (lack of activity against recurrent glioblastoma) | [25964312](https://www.ncbi.nlm.nih.gov/pubmed/25964312) |
| Midostaurin | - | - | - |
| Imatinib | Relapsed / Refractory Neuroblastoma | [Phase II](https://clinicaltrials.gov/ct2/show/NCT00030667) | [DOI](https://doi.org/10.1080/2162402X.2018.1468953), [14709738](https://pubmed.ncbi.nlm.nih.gov/14709738/) |
| Recurrent Glioblastoma | [Phase II](https://clinicaltrials.gov/ct2/show/NCT00010049) | [18824712](https://www.ncbi.nlm.nih.gov/pubmed/18824712) |
| Metastatic Pilocytic Astrocytoma | - | [12902920](https://pubmed.ncbi.nlm.nih.gov/12902920/) |
| Denosumab | - | - | - |
| Alpelisib | - | - | - |