**Supplementary Table 1. List of drugs most sensitive to CCNB1 and the binding energies between them**

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| --- | --- |
| Drug Name | Activation Energy  (KAL/MOL) |
| S-Trityl-L-cysteine  Parthenolide  Midostaurin  GW843682X  BI-2536  Etoposide  CX-5461  Doxorubicin  GSK-650394  Epothilone B  Obatoclax Mesylate  Tipifarnib  Gemcitabine  Erlotinib  BIX02189  Shikonin  Cytarabine  PF-562271  FTI-277  KIN001-266  Bleomycin  Thapsigargin  CMK | -8.47  -7.9  -7.77  -7.66  -7.5  -6.59  -6.57  -6.34  -6.28  -6.2  -5.9  -5.43  -5.16  -5.13  -5.09  -4.19  -3.46  -3.33  -3.27  NA  NA  NA  NA |