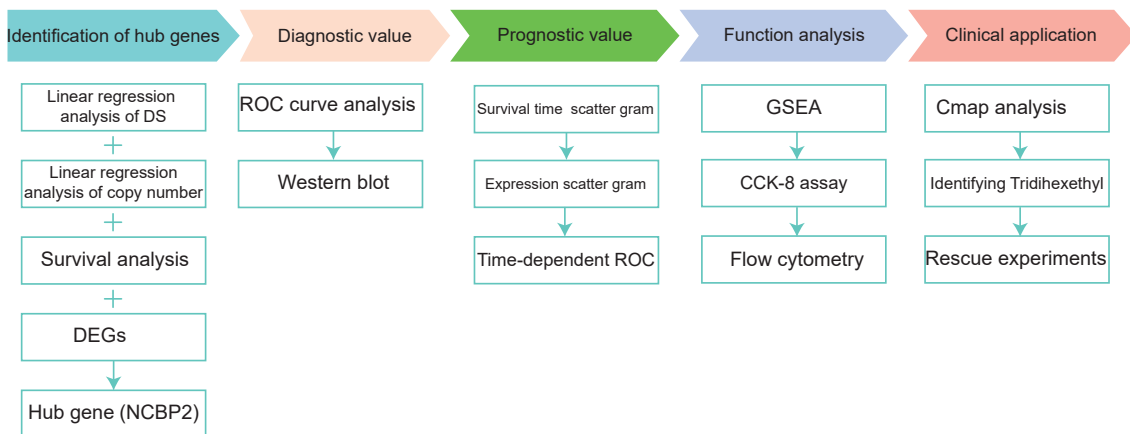


Table S1 Cmap results

Cmap name	Mean	N	Enrichment	P	Specificity
Tridihexethyl	-0.567	4	-0.906	0.00014	0
Ascorbic acid	0.577	4	0.85	0.00072	0
Kaempferol	0.579	4	0.848	0.00076	0.0052
Zimeldine	0.367	5	0.797	0.00084	0
Trimethoprim	-0.302	5	-0.768	0.00124	0
Debrisoquine	0.488	4	0.815	0.00219	0
Bupivacaine	0.321	4	0.782	0.0042	0
Ouabain	0.274	4	0.778	0.00464	0.0909
Stock1n-35874	0.651	2	0.947	0.00499	0.0435
Conessine	-0.381	4	-0.77	0.00567	0
Fluvastatin	0.448	4	0.755	0.00688	0
Brinzolamide	0.403	4	0.754	0.00704	0.0394
Naltrexone	-0.247	5	-0.683	0.00733	0.0393
Terguride	0.402	8	0.549	0.00836	0
Hycanthon	0.459	4	0.742	0.00849	0.0933
Mg-262	0.55	3	0.836	0.00881	0.1946
Parthenolide	0.447	4	0.738	0.00907	0.1916
Imidurea	-0.448	3	-0.834	0.00915	0.0108
Amprolium	-0.449	5	-0.666	0.00969	0.0385
Scopolamine N-oxide	-0.441	5	-0.661	0.01061	0.0427
Dequalinium chloride	0.263	4	0.729	0.01076	0.0073
Tiapride	-0.472	5	-0.661	0.01077	0.0057
Lactobionic acid	-0.23	4	-0.723	0.01196	0.0056
Atracurium besilate	0.537	3	0.815	0.01244	0.0231
Ag-012559	-0.552	3	-0.812	0.01322	0.0163
Fludrocortide	-0.504	5	-0.645	0.01388	0.0376
Molsidomine	-0.378	4	-0.703	0.01605	0.0129
Loxapine	0.479	4	0.7	0.01661	0.0106
Suxibuzone	-0.425	4	-0.698	0.01765	0.0057
Levodopa	0.472	5	0.635	0.0184	0.0175

Cmap, connectivity map.



**Figure S1** Flow chart. DS, dependency score; DEGs, differentially expressed genes; *NCBP2*, nuclear cap binding protein subunit 2; ROC, receiver operating characteristic; GSEA, gene set enrichment analysis; CCK-8, Cell Counting Kit-8.