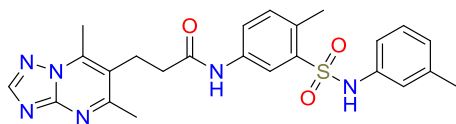
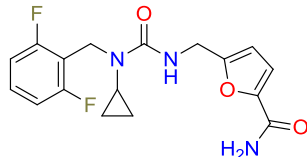


UORSY SH2 Domain Modulators

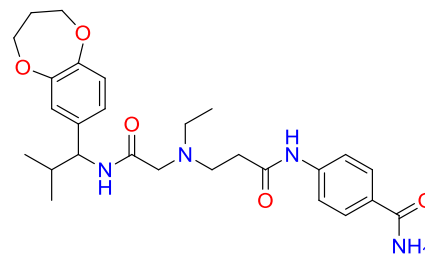
SH2 (Src Homology 2) domains are protein-protein interaction domains, which consist of sequence-specific phosphotyrosine-binding amino acid modules.¹ Over one hundred SH2 domains presented in numerous signaling pathways are reported.² Modulation of SH2 has a range of perspective due to their role in diseases.³ For the creation of our **SH2 domain modulators** library, we utilized molecular docking. All known SH2 domains were initially clustered into 8 groups. For each group, a centroid was determined and a collection of our in-stock compounds was screened against 8 centroids *in silico*. After selecting molecules with the best score, we prepared the resulting library of 2,426 compounds.



PB62812932



PB1838850891



PB295924472

UORSY SH2 domain modulators library is available in stock and could be delivered within 2 weeks in any customer-preferred format: as powders, dry films or DMSO solutions formatted in vials, 96 or 384-well plates. All compounds have a minimum purity of 90% assessed by ¹H NMR; analytical data is provided.

For more information, please contact us at screenlibs@uorsy.com

¹Filippakopoulos, P.; Müller, S.; Knapp, S. *Curr. Opin. Struct. Biol.* **2009**, *19*, 643–649.

²Wavreille, A.-S.; Garaud, M.; Zhang, Y.; Pei, D. *Methods* **2007**, *42*, 207–219.

³Jin, L. L.; Wybenga-Groot, L. E.; Tong, J.; Taylor, P.; Minden, M. D.; Trudel, S.; McGlade, C. J.; Moran, M. F. *Mol. Cell. Proteomics* **2015**, *14*, 695–706.