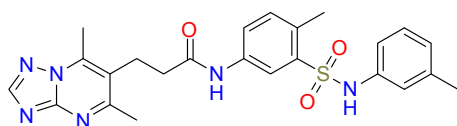
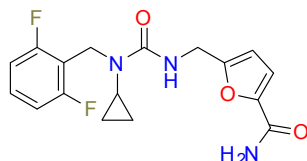


UORSY SH2 Domain Modulators

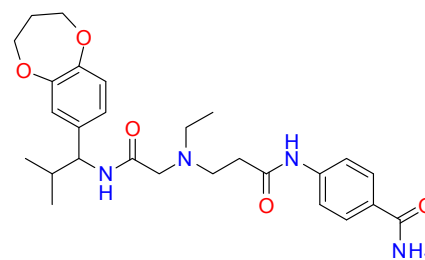
SH2 (Src Homology 2) domains are protein-protein interaction domains, which consist of sequence-specific phosphotyrosine-binding amino acid modules.¹ Over one hundred SH2 domains presented in numerous signaling pathways are reported.² Modulation of SH2 has a range of perspective due to their role in 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*.



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.