

# Cancer Cell Metabolism

## NHI-2

NHI-2 is a selective inhibitor of Lactate Dehydrogenase A (LDHA) – IC<sub>50</sub> *in vitro* = 14.7 μM (NADH), 10.5 μM (Pyruvate)<sup>1,2</sup>

**Product No: 10-4555**                      **10 mg**                      **50 mg**

## CBR-5884

Potent and selective inhibitor of 3-phosphoglycerate dehydrogenase (PHGDH), IC<sub>50</sub>=33 μM<sup>3</sup>

**Product No: 10-1588**                      **5 mg**                      **25 mg**

## AGI-5198

AGI-5198 is a potent (IC<sub>50</sub> = 70 nM) inhibitor of R132H mutant isocitrate dehydrogenase 1 (IDH1).<sup>4</sup>

**Product No. 10-4599**                      **5 mg**                      **25 mg**

## MF-438

MF-438 is a potent inhibitor of stearoyl-CoA desaturase 1 (SCD1) - IC<sub>50</sub> = 2.3 nM.<sup>5</sup>

**Product No: 10-4558**                      **5 mg**                      **25 mg**

## CT-2584

Cytotoxic agent that alters phospholipid biosynthesis via inhibition of CTP: choline-phosphate cytidylyltransferase.<sup>6,7</sup>

**Product No: 10-4560**                      **5 mg**                      **25 mg**

## R162

R162 is a selective inhibitor of Glutamate Dehydrogenase 1. Selective over 6-phosphogluconate and fumarate hydratase.<sup>8</sup>

**Product No: 10-4603**                      **10 mg**                      **50 mg**

## Lonidamine

Lonidamine is a mitochondrial hexokinase inhibitor.<sup>9</sup> The disruption of the mitochondrial transmembrane potential has also been linked to its apoptotic effects.<sup>10</sup>

**Product No: 10-4563**                      **10 mg**                      **50 mg**

## PFK15

PFK15 is a selective inhibitor of 6-Phosphofructo-2-kinase/fructose-2,6-biphosphatase 3 (PFKFB3), an enzyme that is constitutively expressed in neoplastic cells and is required for the high glycolytic rate (Warburg effect) of these cells.<sup>11,12,13</sup>

**Product No: 10-4580**                      **5 mg**                      **25 mg**

## CB-839

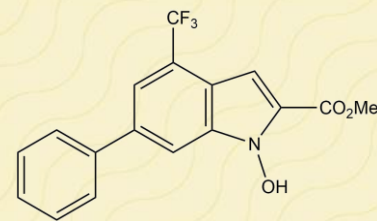
CB-839 is a potent (IC<sub>50</sub> = 24 nM) inhibitor of glutaminase (KGA and GAC).<sup>14,15</sup>

**Product No: 10-4556**                      **5 mg**                      **25 mg**

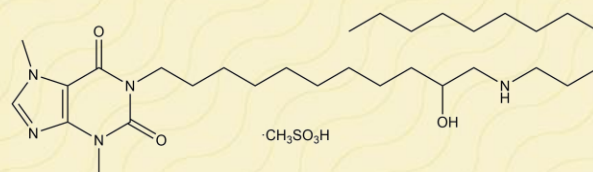
## NG-497

NG-497 is the first small molecule inhibitor (IC<sub>50</sub> = 1 μM) of human (and rhesus monkey) adipose triglyceride lipase (ATGL).<sup>16</sup>

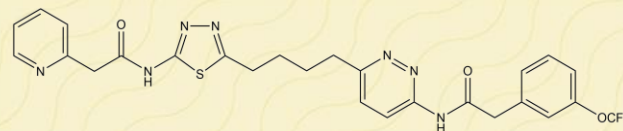
**Product No: 10-4626**                      **5 mg**                      **25 mg**



**NHI-2**



**CT-2584**



**CB-839**

## REFERENCES

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